

Dados brutos do projeto de pesquisa:

“Estudo in vitro da ação antimicrobiana, da atividade antitoxina, da citotoxicidade, da genotoxicidade e da atividade anti-inflamatória da N-acetilcisteína, do hidróxido de cálcio e da clorexidina, isolados e em associação”

Projeto financiado por **Auxílio à Pesquisa da FAPESP** – Processo nº **2023/10158-2**.

Raw data from the research project:

“In vitro study of antimicrobial action, antitoxin action, cytotoxicity, genotoxicity and anti-inflammatory activity of N-acetylcysteine, calcium hydroxide and chlorhexidine and their associations”

Funded by **FAPESP Research Grant** – Grant No. **2023/10158-2**.

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1 Determinação da concentração inibitória mínima (CIM) e concentração microbicida mínima (CMM)

1 Determination of minimum inhibitory concentration (MIC) and minimum microbicidal concentration (MMC)

<i>Fusobacterium nucleatum</i>	CIM (MIC)	CMM (MMC)
Salina – saline solution	-	-
Ca(OH) ₂	62,5	62,5
CHX	3,9	3,9
NAC	15,62	15,62
NAC + Ca(OH) ₂	62,5	62,5
NAC + CHX	62,5	62,5
Ca(OH) ₂ + CHX	Eliminou tudo	3,9
NAC+ Ca(OH) ₂ + CHX	Eliminou tudo	3,9

<i>Porphyromonas gingivalis</i>	CIM (MIC)	CMM (MMC)
Salina – saline solution	-	-
Ca(OH) ₂	500	250
CHX	3,9	3,9
NAC	1,95	3,90
NAC + Ca(OH) ₂	62,5	62,5
NAC + CHX	62,5	62,5
Ca(OH) ₂ + CHX	Eliminou tudo	3,9
NAC+ Ca(OH) ₂ + CHX	Eliminou tudo	3,9

<i>Parvimonas micra</i>	CIM (MIC)	CMM (MMC)
Salina – saline solution	-	-
Ca(OH) ₂	500	250
CHX	3,9	19,5
NAC	3,9	19,5
NAC + Ca(OH) ₂	62,5	62,5

NAC + CHX	31,25	31,25
Ca(OH) ₂ + CHX	Eliminou tudo	3,9
NAC+ Ca(OH) ₂ + CHX	Eliminou tudo	3,9

<i>Porphyromonas endodontalis</i>	CIM (MIC)	CMM (MMC)
Salina – saline solution	Contaminou	Contaminou
Ca(OH) ₂	500	250
CHX	1,95	3,9
NAC	31,25	15,62
NAC + Ca(OH) ₂	500	250
NAC + CHX	1,95	3,9
Ca(OH) ₂ + CHX	3,9	3,9
NAC+ Ca(OH) ₂ + CHX	Eliminou tudo	3,9

<i>Prevotella intermedia</i>	CIM (MIC)	CMM (MMC)
Salina – saline solution	-	-
Ca(OH) ₂	500	250
CHX	1,95	3,9
NAC	15,62	7,81
NAC + Ca(OH) ₂	500	250
NAC + CHX	31,25	15,62
Ca(OH) ₂ + CHX	3,9	3,9
NAC+ Ca(OH) ₂ + CHX	3,9	3,9

Siglas: Ca(OH)₂: hidróxido de cálcio, CHX: clorexidina, NAC: N-acetilcisteína.

Legend: Ca(OH)₂: calcium hydroxide, CHX: chlorhexidine, NAC: N-acetylcysteine.

2 Avaliação da atividade antibiofilme (teste de MTT)

2 Evaluation of antibiofilm activity (MTT assay)

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Fusobacterium nucleatum

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	1.466	1.045	1.064	1.574	1.395	1.41	1.264	1.264	1.064	1.083	2.055	2.055
Ca(OH)2	1.176	1.772	0.575	0.784	0.808	0.328	0.723	0.047	0.294	0.578	0.375	0.353
CHX	1.272	0.451	0.451	0.451	1.264	0.872	0.058	0.048	0.484	1.365	0.08	0.062
NAC	0.451	0.451	1.343	0.916	0.451	0.451	1.064	0.07	0.605	0.451	0.352	0.221
Ca(OH)2+NAC	0.077	0.451	0.061	0.043	0.047	0.07	0.219	0.063	0.227	0.451	0.1	0.109
NAC+CHX	0.451	0.451	0.924	1.395	0.451	0.123	0.699	0.109	0.059	0.43	0.267	0.221
Ca(OH)2+CHX	0.6	0.871	0.715	0.13	0.926	0.226	1.066	0.056	0.232	0.493	0.136	0.251
NAC+Ca(OH)2+CHX	0.451	0.914	0.451	0.679	0.162	0.213	0.378	0.451	0.391	0.347	0.14	0.199

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 3

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Porphyromonas gingivalis

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	1.504	1.504	1.063	2.107	2.563	1.504	1.063	1.063	1.891	2.107	2.563	1.063
Ca(OH)2	1.032	1.121	1.264	0.885	0.815	0.572	0.685	0.484	0.642	0.793	1.143	0.808
CHX	2.104	1.633	1.213	1.497	1.414	1.195	1.156	1.203	1.177	1.334	1.269	0.849
NAC	1.73	1.481	1.411	1.601	1.659	1.891	1.992	1.371	1.77	1.977	1.264	0.962
Ca(OH)2+NAC	0.663	1.33	0.797	0.671	0.573	0.951	0.663	0.544	0.404	0.981	1.011	0.703
NAC+CHX	1.411	1.096	1.784	1.411	1.411	1.741	1.411	1.411	1.411	1.411	1.114	0.761
Ca(OH)2+CHX	1.214	1.462	1.283	1.56	0.884	1.646	1.506	1.12	1.877	1.011	1.066	0.701
NAC+Ca(OH)2+CHX	0.553	0.559	0.553	0.843	0.825	0.559	1	1.074	1.17	0.559	1.199	0.559

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 2

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Parvimonas micra

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	1.504	1.504	1.063	1.15	1.063	1.504	1.15	1.063	1.063	1.063	1.15	1.063
Ca(OH) ₂	0.686	0.537	0.808	0.874	0.707	0.96	0.25	1.617	0.752	0.916	0.478	0.412
CHX	0.676	0.676	1.813	0.93	1.15	0.937	0.621	0.984	0.544	0.479	0.355	0.269
NAC	0.521	0.875	1.347	0.875	0.875	0.469	1.172	0.469	0.815	0.893	0.541	0.306
Ca(OH) ₂ +NAC	0.19	0.469	0.469	0.149	0.46	0.773	0.226	0.702	0.288	0.18	0.333	0.442
NAC+CHX	0.438	0.875	0.875	0.875	0.848	0.875	0.85	0.971	0.789	0.752	0.507	0.494
Ca(OH) ₂ +CHX	0.762	1.119	0.875	0.577	1.084	0.875	0.32	0.715	0.28	0.517	0.898	0.707
NAC+Ca(OH) ₂ +CHX	0.647	0.874	1.047	0.894	0.73	0.875	0.966	0.641	0.18	0.464	0.408	0.442

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

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Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Porphyromonas endodontalis

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	1.029	1.155	0.615	1.155	1.029	0.52	1.07	0.692	1.029	1.566	1.032	1.221
NAC	0.409	0.854	0.191	0.499	0.402	0.418	0.258	0.751	0.165	0.941	1.54	0.496
Ca(OH) ₂	0.933	1.139	0.656	0.905	1.41	0.905	1.161	0.905	1.376	0.905	0.669	1.562
CHX	0.617	0.709	0.522	0.924	0.895	0.333	1.359	0.769	0.439	0.749	0.752	1.291
NAC + Ca(OH) ₂	0.675	0.822	0.547	1.109	1.277	0.745	0.581	0.851	0.671	0.87	0.698	1.604
NAC + CHX	0.705	0.72	0.682	0.892	1.108	0.315	0.988	0.717	0.404	0.587	0.665	0.878
Ca(OH) ₂ + CHX	0.56	0.859	0.821	0.837	0.266	0.353	1.004	0.749	0.045	0.709	0.994	1.65
NAC + Ca(OH) ₂ + CHX	0.256	1.029	0.226	0.844	1.021	0.218	0.981	0.653	0.281	0.203	0.05	0.895

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number: 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Prevotella intermedia

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	1.325	1.029	1.155	1.325	1.155	0.902	0.815	0.807	0.889	1.325	0.599	1.086
NAC	0.68	0.772	0.684	0.607	0.701	0.753	0.81	0.811	0.254	0.683	0.582	1.122
Ca(OH) ₂	0.681	1.093	1.587	1.093	0.681	1.093	1.5	0.681	0.681	1.093	1.054	1.108
CHX	0.306	0.653	0.601	0.64	0.719	0.433	0.894	0.692	0.897	0.905	0.89	1.096
NAC + Ca(OH) ₂	0.353	0.523	0.368	0.655	0.595	0.59	0.654	0.78	0.957	0.864	0.943	1.108
NAC + CHX	0.669	1.267	0.944	0.733	1.03	1.1	1.287	0.951	0.934	1.149	1.229	0.88
Ca(OH) ₂ + CHX	1.013	1.239	1.325	1.064	1.109	0.952	1.034	0.922	2.345	1.872	1.396	0.986
NAC + Ca(OH) ₂ + CHX	0.216	0.216	0.896	0.896	0.811	0.737	0.989	0.679	0.679	0.254	0.737	0.979

3 Avaliação da biomassa pelo teste do cristal violeta

3 Biomass evaluation using the crystal violet test.

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Fusobacterium nucleatum

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	0.668	0.396	1.177	1.415	1.415	1.415	0.424	1.029	1.531	1.531		
Ca(OH)2	0.589	0.449	1.177	0.369	1.07	0.589	0.593	0.167	0.19	0.352		
CHX	0.108	0.799	0.855	0.207	0.556	0.308	0.174	0.147	0.229	0.439		
NAC	0.095	0.351	0.459	0.296	0.939	0.604	0.342	0.103	0.707	0.209		
Ca(OH)2+NAC	0.361	0.319	0.186	0.609	0.717	0.565	0.939	0.217	0.565	0.343		
NAC+CHX	0.113	0.294	0.294	0.39	0.312	0.249	0.396	0.211	0.369	0.336		
Ca(OH)2+CHX	0.682	1.029	0.682	0.549	0.549	0.696	0.378	0.696	0.759	1.531		
NAC+Ca(OH)2+CHX	0.555	0.953	0.555	0.49	0.49	1.415	0.403	0.331	0.592	0.592		

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

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Date #####

Time #####

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Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Porphyromonas gingivalis

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	1.504	1.504	1.063	1.063	1.063	1.504	1.063	1.063	0.891	0.891	0.891	1.063
Ca(OH) ₂	0.325	0.351	0.722	0.583	0.287	0.287	1.383	0.341	0.885	0.767	0.593	0.542
CHX	0.072	0.15	0.115	0.59	0.176	0.309	0.158	0.59	0.124	0.411	0.181	0.41
NAC	0.254	0.099	0.11	0.413	0.496	0.603	0.508	0.639	0.267	0.671	0.243	0.199
Ca(OH) ₂ +NAC	0.215	0.192	0.083	0.36	0.215	0.11	0.32	0.171	0.087	0.149	0.199	0.195
NAC+CHX	0.675	0.308	0.077	0.252	0.252	0.207	0.217	0.326	0.159	0.273	0.122	0.214
Ca(OH) ₂ +CHX	0.076	0.174	0.27	0.252	0.574	0.264	0.097	0.162	0.204	0.146	0.132	0.45
NAC+Ca(OH) ₂ +CHX	0.779	0.237	0.207	0.282	0.223	0.156	0.139	0.159	0.273	0.264	0.25	0.33

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 2

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Parvimonas micra

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	0.5	0.593	0.593	0.891	0.568	0.387	0.431	0.593	0.45	0.891	0.891	0.891
Ca(OH) ₂	0.562	0.562	0.245	0.521	0.702	0.453	0.253	0.562	0.562	0.851	0.634	0.284
CHX	0.34	0.337	0.419	0.41	0.891	0.324	0.252	0.284	0.256	0.891	0.368	0.256
NAC	0.625	0.625	0.234	0.454	0.307	0.363	0.439	0.477	0.393	0.705	0.382	0.651
Ca(OH) ₂ +NAC	0.709	0.72	0.163	0.709	0.178	0.484	0.336	0.342	0.263	0.112	0.405	0.709
NAC+CHX	0.505	0.656	0.43	0.891	0.35	0.505	0.505	0.452	0.891	0.891	0.309	0.431
Ca(OH) ₂ +CHX	0.427	0.365	0.201	0.247	0.127	0.421	0.62	0.221	0.37	0.201	0.324	0.62
NAC+Ca(OH) ₂ +CHX	0.223	0.49	0.099	0.3	0.22	0.295	0.524	0.096	0.104	0.411	0.207	0.3

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number: 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Porphyromonas endodontalis

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	0.5314	1.378	1.405	1.251	0.144	1.155	0.744	0.744	1.251	1.251	1.405	1.405
NAC	0.493	0.199	0.181	0.117	0.308	0.215	0.126	0.402	0.275	0.65	0.659	0.411
Ca(OH) ₂	0.857	0.511	0.633	0.857	0.441	0.369	0.685	0.857	0.496	0.857	0.857	0.716
CHX	0.701	0.527	0.421	0.882	0.365	0.378	0.423	0.775	0.423	1.237	0.557	0.647
NAC + Ca(OH) ₂	0.611	0.301	0.372	0.958	0.734	0.568	0.213	0.362	0.447	1.155	0.774	0.594
NAC + CHX	0.627	0.242	0.277	0.63	0.299	0.34	0.263	0.331	0.26	0.477	0.276	0.768
Ca(OH) ₂ + CHX	0.532	0.333	0.559	1.251	0.497	0.444	0.578	1.405	0.525	0.905	0.664	0.734
NAC + Ca(OH) ₂ + CHX	0.699	0.744	0.428	0.217	0.702	0.602	0.673	0.217	0.544	0.217	0.622	0.217

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number: 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

Prevotella intermedia

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	1.378	1.405	0.671	1.337	1.137	1.405	0.465	1.167	1.167	1.167	1.167	1.405
NAC	0.178	0.178	0.183	0.174	0.197	0.264	0.287	0.125	0.115	0.13	0.194	0.159
Ca(OH) ₂	0.609	0.544	0.697	0.831	0.807	1.167	0.769	0.367	1.137	0.736	1.378	0.381
CHX	0.358	0.251	0.4	0.472	0.391	0.384	0.526	0.237	0.206	0.303	0.33	0.347
NAC + Ca(OH) ₂	0.301	0.251	0.72	0.338	0.315	0.436	0.527	0.342	0.281	0.427	0.416	0.178
NAC + CHX	0.177	0.193	0.201	0.331	0.158	0.2	0.22	0.124	0.153	0.16	0.109	0.379
Ca(OH) ₂ + CHX	0.658	0.475	0.722	0.688	0.744	0.778	0.781	0.435	0.616	1.337	0.656	0.488
NAC + Ca(OH) ₂ + CHX	0.832	0.425	0.678	0.851	0.414	0.419	0.323	0.179	0.233	0.292	0.363	0.305

4 Avaliação de biofilme formado em dentes por meio de microscopia confocal de varredura a laser

4 Evaluation of biofilm formed on teeth using confocal laser scanning microscopy.

4.1 *Porphyromonas gingivalis*

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + CHX + Ca(OH) ₂
97.52585	15.35614	81.20477	50.55931	24.93086
99.3129	86.48568	90.19475		73.18349
81.70629	9.67875	8.14933	0.01726946	0.4506387
55.75165	82.03367	29.83485	4.356355	0.9124684
44.56363	85.15469	0.6303455	0.3507787	0.00016567
36.0352	50.58679	6.306419	6.12948	0.00985688
66.28625	74.05566	0.3279267	0	0.00608446
54.01205	0	0.3981721	0	0.00792859
72.58101	10.92511	56.31299	52.62939	53.12009
34.85702	10.12804	37.87536	54.05194	22.45772
99.39447	3.804503	8.728151	99.54073	1.818605
43.48958	1.609899	26.75415	99.8149	0.7580137
99.59256	6.829645	25.83516	70.01717	1.095358
51.20773	4.816127	2.880152	16.53226	0.1956047
0	0.00070201	27.26708	89.6861	2.863888
0	0.08455945	36.56276	34.64338	0.00804489
97.55852	62.02011	43.04822	70.23203	45.48503
96.91444	37.00712	94.42302	84.03914	26.64706
89.5957	0.8411363	8.769966	3.373869	0.987434
96.11362	2.20835	35.58848	0.6605959	4.229075
73.80048	57.03841	0.656818	0.0608612	45.2066
52.23883	100	0.9031271	4.018511	8.632582
61.86603	8.083467	7.613464	3.665946	50.73764
59.55309	2.895355	10.30957	4.008468	15.33486
30.91044	36.76217	18.41781	40.56551	37.60575

95.30382	0.8182046	41.30534	32.58534	44.23564
83.85622	78.71275	9.965169	0.118653	0.3120988
76.44398	86.03335	2.591215	37.63661	1.126126
0.517943	66.33013	0.8352743	32.66879	38.80851
18.33658	0	8.980177	0.9650181	0.2602183
	73.00915	0.9112606	21.46117	3.833992
	87.86688	0.00032273	0.042255	0.11695
	87.62196	15.8277	4.338006	14.5986
	69.05606	44.67609	4.631282	2.943638
	0.9859527	0.07505434	62.83039	96.53265
3.420293	61.32756	0.3703887	21.7923	98.44146
	0.03254526	10.75013	0.1980966	95.5994
	11.87539	52.64581	95.83101	94.73808
	69.89838	1.72159	77.50886	72.04125
	59.98388	18.26211	91.69139	29.56909

4.2 Porphyromonas endodontalis

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + CA(OH) ₂ + CHX
93.48549	91.39507	0.00853002	25.87132	67.24446
99.47874	99.89384	46.68208		81.08543
38.77238	91.50546	1.757706	45.63427	4.137812
	99.39641	2.535919	29.88848	1.127049
1.414488	98.71906	0.4540868	19.75421	27.01094
3.759327	49.25373	0.5378209	12.66125	2.752294
8.105911	1.092896	2.271081	4.37557	2.825245
9.461358	0	7.299617	14.90841	8.483754
98.59376	0.1028999	53.26373	33.34599	19.80463
93.88467	38.68349	62.42405	19.8081	21.86128
	0.2891669	20.59448	43.29766	13.28653
23.34065	7.653061	31.74905	59.01499	5.241935
1.836662	17.26191	10.06424	4.385574	0.9454758
9.594096	13.43013	11.45717	1.826435	0.0825423
38.59137	47.81022	13.77551	0.8845209	0.8845423
38.39742	1.728673	4.915606	2.118212	0.2051282
99.92737	97.33139	12.56837	39.85046	21.18212
99.95796	78.94823	3.124783	39.43657	86.08657
39.44931	91.27086	6.511103	12.2201	12.70755
11.96186	32.43243	18.75376	2.642268	1.486417
57.40456	64.44444	8.224523	10.70379	1.497633
88.82217	50.51975	7.541478	1.712329	16.06869
22.01767	93.45132	23.56724	32.56673	3.79672
18.64078	92.81243	10.04348	20.27591	28.69127
97.76696	70.77649	13.66509	44.01105	12.09703
99.78686	20.31531	18.85832	41.65385	2.094287
41.25816	3.64533	28.14935	64.41624	29.54545
34.15835	58.07623	47.52475	2.058505	4.951561

35.11589	32.25806	36.23523	20.81406	29.49611
74.36209	0	42.86307	3.485118	40.39659
90.56604	16.875	11.83025	12.5908	9.892836
99.82772	6.530409	16.48822	8.66316	33.47883
43.12092	50.27586	21.89705	8.297194	41.49784
95.48315	36.9134	3.256974	7.727591	34.83687
5.465039	85.97061	5.898264	34.22432	20.18118
31.93277	26.72696	2.895126	37.42455	99.23717
21.91549	11.44539	52.36757	99.58485	32.43965
10.90047	9.71489	1.225672	38.67639	26.64693
82.12338	7.708665	17.47042	1.238938	13.26829
17.14836	4.951457	6.113408	3.018433	67.34694

5 Quantificação de unidade formadora de colônia UFC/mL

5 Quantification of colony-forming units (CFU/mL)

5.1 Porphyromonas gingivalis

Coleta 1, Sample 1

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + CHX + Ca(OH) ₂
520000	90000	1090000	1360000	1140000
750000	1040000	1010000	1680000	790000
1140000	560000	1450000	1280000	990000
1140000	970000	1490000	790000	850000
960000	650000		1800000	1470000
1110000	390000	1650000	1330000	1620000
1790000		260000	1360000	2500000
610000	390000	570000	1800000	560000
1030000	1130000	880000	1360000	1270000
920000	880000	1240000	1890000	1150000

Coleta 2, Sample 2

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + CHX + Ca(OH) ₂
14280	3160	15460	7200	10070
1940	21480	18560	17190	13140
25560	7110	26200	7990	23040
13320	28710	19400	15050	19400
23720	12300	10880	3150	10880
35620	25320	1320	1980	23040
1750	7880	1820	13140	38340
13590	9040	2480	5880	13140
13140	25800	3850	1920	23040
15740	7280	18400	2970	27960

Coleta 3, Sample 3

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + CHX + Ca(OH) ₂
6490	0	0	0	0
670	0	0	0	0
5040	0	0	0	0
15830	0	0	0	0
8330	0	0	0	0
1580	0	0	0	0
13150	0	0	0	0
8600	0	0	0	0
410	0	0	0	0
4520	0	0	0	0

5.2 Porphyromonas endodontalis

Coleta 1, Sample 1

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + Ca(OH) ₂ + CHX
1420000	610000	2560000	800000	1920000
1900000	1810000	1320000	1920000	1940000
1700000	2660000	700000	1960000	2960000
2380000	1600000	1890000	3600000	3480000
3080000	1060000	1350000	3020000	3070000
1960000	460000	2240000	2260000	2720000
2130000	620000	1580000	2960000	3520000
1490000	1140000	1840000	2420000	2240000
1740000	1020000	960000	2370000	2190000
3560000	780000	1770000	1310000	2320000

Coleta 2, Sample 2

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + Ca(OH) ₂ + CHX
14600	42000	24480	88000	32000
1400	46400	27200	14560	55200
19200	34400	2000	163200	11000
14800	40400	1500	28800	20400
18400	46800	1600	30800	19600
31600	9600	1600	16160	80800
90400	24800	1500	10560	89900
7200	77600	12800	6600	19600
200	40400	14400	99100	26400
1100	32000	83200	12100	39200

Coleta 3, Sample 3

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + Ca(OH) ₂ + CHX
347	0	0	0	0
337	0	0	0	0
15	0	0	0	0
49	0	0	0	0
113	0	0	0	0
156	0	0	0	0
240	0	0	0	0
109	0	0	0	0
99	0	0	0	0
237	0	0	0	0

6 Avaliação de atividade anti-endotoxina

6 Evaluation of anti-endotoxin activity

6.1 Porphyromonas gingivalis

Coleta 1, Sample 1

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + CHX + Ca(OH) ₂
110	2.16	11.5	26.4	100
59.7	34.7	47.2	24.5	13.4
110	8.65	46.3	12.3	50
59.7	185	68.1	50	1.45
84.85	26.9	14.9	127	43.5
84.85	7.85	127	50	14.9
	50	9.39	93.5	19.5
	6.48	10.4	47.2	22.2
	100	91.3	63.8	13.2
	16.6	50	40.9	20.3

Coleta 2, Sample 2

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + CHX + Ca(OH) ₂
10.6	1.5	0.552	37.3	0.508
0.244	1.04	9.76	0.0873	0.244
10.6	3.93	7.45	0.056	0.144
0.244	0.821	9.76	43.9	4.69
5.422	0.378	0.42	3.03	2.65
5.422	0.529	0.0748	0.0515	7.04
	40.9	0.592	0.205	0.0285
	0.218	0.263	2.03	3.86
	1.07	22.8	0.22	0.331
	40.9	36.4	0.644	0.711

Coleta 3, Sample 3

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + CHX + Ca(OH) ₂
14.7	0.0165	0.005	0.005	0.005
16.2	0.005	0.0572	0.005	0.005
14.7	0.176	2.24	0.005	0.005
16.2	0.005		0.005	0.005
15.45	0.005	0.005	0.005	0.005
15.45	0.005	0.233	0.005	0.005
	2.24	0.029	0.005	0.005
	0.189	0.005	0.005	0.005
	0.005	0.105	0.005	0.005
	0.005		0.005	0.107

6.2 Porphyromonas endodontalis

Coleta 1, Sample 1

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + Ca(OH) ₂ + CHX
8.65	0.31	2.01	0.677	0.608
13.1	0.177	1.09	0.747	3.47
1.42	2.6	0.641	0.366	7.07
2.31	50	8.27	0.177	2.91
1.32	50	50	0.845	0.698
2.14	50	58.3	0.574	0.603
3.33	9.75	0.005	2.93	0.928
48.4	0.728	50	0.912	0.933
128	0.426	20	0.0768	6.16
49.9				

Coleta 2, Sample 2

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + Ca(OH) ₂ + CHX
0.278	0.0415	1.9	0.061	0.028
5.79	1.44	0.817	0.0347	0.0545
0.0842	28.1	0.413	0.0579	0.287
0.13	50.3	2.12	0.0876	4.23
0.0381	15	68.9	1.74	0.383
0.355	5.65	24.7	0.892	0.262
0.137	0.892	18.4	0.0451	0.394
48.4	0.274	3.49	0.017	0.16
0.14	0.127	0.884	0.0398	2

Coleta 3, Sample 3

Salina/Saline	NAC + Ca(OH) ₂	NAC + CHX	Ca(OH) ₂ + CHX	NAC + Ca(OH) ₂ + CHX
0.0228	0.0151	0.048	0.0186	0.005
0.0924	0.005	0.005	0.005	0.013
0.0267	0.024	0.005	0.005	
0.026		0.005	0.304	0.005
0.0157	0.0249	0.595	0.005	0.005
0.0146	0.005	0.005	0.0127	0.0109
0.0273	0.005	0.0275	0.005	0.005
1.56	0.005	0.005	0.005	0.01
0.306	0.005	0.005	0.0462	0.0104

7 Avaliação da citotoxicidade (MTT)

7 Cytotoxicity assessment (MTT assay)

7.1 MG-63 - Cell Line

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number: Unknown

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

MG63 - 5min

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	0.484	0.466	0.492	0.491	0.476	0.482	0.473	0.468	0.467	0.465	0.493	0.552
NAC	0.403	0.39	0.401	0.395	0.392	0.39	0.398	0.388	0.41	0.396	0.493	0.52
Ca(OH)2	0.489	0.469	0.472	0.421	0.411	0.406	0.518	0.495	0.515	0.495	0.508	0.489
CHX	0.456	0.454	0.431	0.42	0.446	0.424	0.415	0.422	0.399	0.423	0.505	0.491
NAC + Ca(OH)2	0.536	0.453	0.409	0.443	0.487	0.421	0.498	0.501	0.374	0.604	0.489	0.526
NAC + CHX	0.442	0.405	0.408	0.415	0.423	0.433	0.403	0.414	0.4	0.399	0.477	0.523
Ca(OH)2 + CHX	0.498	0.59	0.465	0.496	0.523	0.513	0.664	0.623	0.408	0.454	0.482	0.532
NAC + Ca(OH)2 + CHX	0.444	0.407	0.404	0.409	0.424	0.426	0.399	0.412	0.404	0.414	0.488	0.8

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number: 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

MG63 - 24h

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	0.455	0.464	0.49	0.489	0.479	0.524	0.506	0.478	0.452	0.518	0.526	0.535
NAC	0.415	0.435	0.454	0.429	0.433	0.444	0.42	0.409	0.429	0.42	0.535	0.528
Ca(OH)2	0.624	0.563	0.439	0.46	0.445	0.493	0.448	0.441	0.743	0.606	0.531	0.541
CHX	0.418	0.483	0.444	0.547	0.528	0.468	0.563	0.604	0.509	0.604	0.525	0.542
NAC + Ca(OH)2	0.584	0.713	0.981	0.555	0.713	0.433	0.539	0.589	0.733	0.515	0.55	0.541
NAC + CHX	0.424	0.426	0.454	0.424	0.478	0.432	0.48	0.495	0.409	0.421	0.511	0.541
Ca(OH)2 + CHX	0.627	0.627	0.54	0.513	0.967	0.965	0.717	0.627	0.847	0.493	0.531	0.545
NAC + Ca(OH)2 + CHX	0.432	0.459	0.495	0.435	0.496	0.444	0.484	0.551	0.551	0.432	0.576	0.52

7.2 RAW 264.7 macrophages cells

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number: 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

RAW - 5min

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	0.459	0.383	0.297	0.315	0.389	0.302	0.263	0.286	0.254	0.25	0.239	0.642
NAC	0.614	0.572	0.644	0.437	0.546	0.523	0.356	0.296	0.332	0.307	0.31	0.546
Ca(OH)2	0.605	0.603	0.602	0.534	0.5	1.231	0.37	0.396	0.424	1.448	0.53	0.605
CHX	1.749	1.391	1.391	1.386	0.659	0.768	1.074	1.612	1.391	1.996	0.643	0.768
NAC + Ca(OH)2	0.836	0.625	0.824	0.695	0.501	1.041	0.507	0.651	0.668	0.546	0.549	0.416
NAC + CHX	0.556	0.556	0.534	0.497	0.484	0.492	0.445	0.429	0.368	0.388	0.423	1.44
Ca(OH)2 + CHX	0.545	0.517	0.477	0.476	0.56	0.524	0.459	0.44	0.425	0.437	0.436	0.794
NAC + Ca(OH)2 + CHX	1.6	1.428	1.182	1.252	0.713	0.934	0.845	1.428	1.428	1.401	1.428	0.734

Software Version 3.10.06

Experiment File Path:

Protocol File Path:

Plate Number Plate 1

Date #####

Time #####

Reader Type: Epoch

Reader Serial Number: 201104F

Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE

Eject plate on completion

Read Absorbance Endpoint

Full Plate

Wavelengths: 570

Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 8

Results

Actual Temperature: 0

RAW - 24h

	1	2	3	4	5	6	7	8	9	10	11	12
Salina / Saline	0.522	0.551	0.524	0.538	0.534	0.532	0.515	0.533	0.541	0.567	0.57	0.582
NAC	0.422	0.422	0.418	0.418	0.412	0.42	0.412	0.414	0.414	0.408	0.557	0.548
Ca(OH)2	0.558	0.548	0.551	0.553	0.549	0.548	0.466	0.571	0.555	0.522	0.537	0.528
CHX	0.557	0.456	0.48	0.481	0.568	0.455	0.434	0.492	0.658	0.473	0.546	0.56
NAC + Ca(OH)2	0.485	0.475	0.543	0.441	0.47	0.458	0.462	0.452	0.531	0.543	0.544	0.56
NAC + CHX	0.415	0.422	0.441	0.511	0.53	0.427	0.43	0.411	0.419	0.482	0.531	0.551
Ca(OH)2 + CHX	0.418	0.476	0.402	0.474	0.403	0.401	0.406	0.393	0.404	0.404	0.531	0.552
NAC + Ca(OH)2 + CHX	0.515	0.478	0.497	0.459	0.842	0.742	0.467	0.55	0.588	0.742	0.54	0.548

8 Avaliação da genotoxicidade (teste de micronúcleos)

8 Genotoxicity assessment (micronucleus test)

8.1 MG-63 - Cell Line

EMS	NAC	Ca(OH)2	CHX	NAC + Ca(OH)2	NAC + CHX	Ca(OH)2 + CHX	NAC + Ca(OH)2+ CHX
3	1	1	3	0	3	0	0
2	2	2	3	0	2	0	1
3	3	3	5	0	3	0	0
3	2	5	0	0	1	1	3
4	5	4	0	1	0	5	5
5	0	5	1	0	3	4	1
14	0	4	2	2	0	1	0
10	1	2	0	1	1	5	3
13	2	5	2	0	3	2	5
15	1	2	1	2	2	6	4
12	2	3	0	1	3	3	1
15	1	3	3	5	0	2	2
10	1	3	0	2	1	5	5
8	3	3	2	5	0	4	4
7	5	3	0	3	1	1	2
7	2	0	5	5	2	2	6
5	1	4	1	3	3	5	2
6	2	2	2	2	5	3	4
10	2	5	3	5	7	2	5
9	9	5	2	7	0	1	2
14	8	2	1	2	5	4	4
5	9	3	1	0	7	5	2
10	6	3	1	1	6	2	1
10	2	5	1	2	8	1	2
3	5	0	1	5	5	2	5
2	2	3	1	2	4	0	3

1 | 3 | 2 | 1 | 5 | 1 | 2 | 4

8.2 RAW 264.7 macrophages cells

EMS	NAC	Ca(OH)2	CHX	NAC + Ca(OH)2	NAC + CHX	Ca(OH)2 + CHX	NAC + Ca(OH)2+ CHX
2	3	0	1	5	1	3	0
1	2	0	1	1	2	7	1
3	1	0	1	1	1	0	2
1	0	0	1	0	2	0	5
2	0	0	1	0	1	3	0
3	0	0	0	0	2	0	0
6	0	1	0	0	0	0	1
3	0	1	0	0	0	0	2
20	0	1	0	0	0	1	1
10	0	1	0	0	1	4	3
27	0	5	0	0	2	3	3
11	0	7	5	3	1	3	2
24	5	10	6	3	3	1	3
17	2	12	10	2	5	4	9
15	5	3	15	3	3	7	0
26	6	4	20	3	7	7	0
27	8	3	15	2	9	7	0
17	6	3	20	5	3	2	2
19	6	7	10	4	7	5	5
13	5	5	15	2	5	9	2
12	8	7	15	3	4	3	5
8	3	3	10	3	6	0	2
10	3	4	10	3	9	2	1
18	3	0	9	2	10	3	0
19	6	3	16	3	12	7	2
6	4	7	10	3	12	7	2
4	4	9	12	2	6	2	5
8	5	7	9	5	0	5	2

	6	9	15	4	12	9	5
23	5	12	12	2	3	3	2
24	5	15	11	3	7	0	1
4		7	5		9	2	0
8		9	7		10	3	2
7		12	9		11		
8		15	11		12		
14		17	11				
9							
11							
17							
11							
4							
16							
14							

9 Avaliação da atividade anti-inflamatória

9 Evaluation of the anti-inflammatory activity

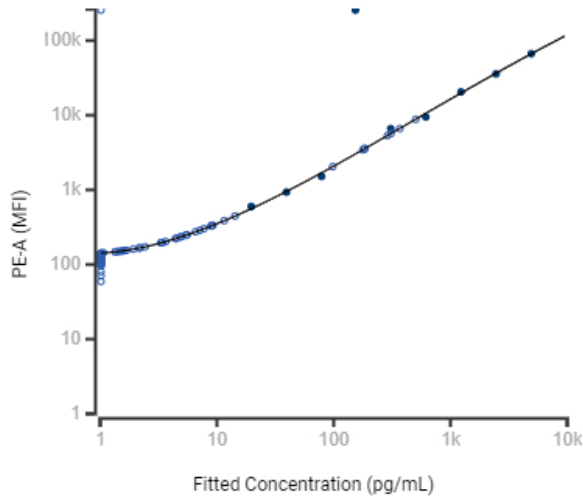
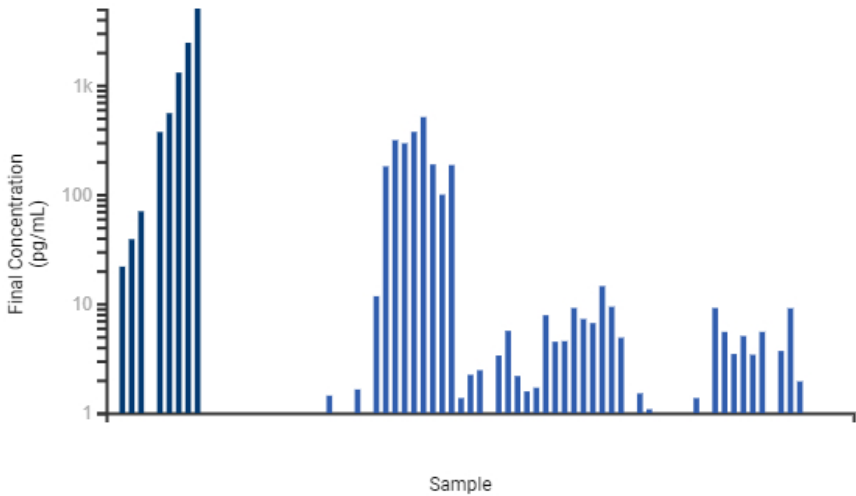
9.1 MG-63 - Cell Line

Results Per Analyte

Human IL-12p70

PDF

1 of 6 Analyte



Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)	Asymmetry (e)
Five Parameter Logistic (Hill)	$\log(y) = d + (a - d) / ((1 + (\log(x) / c)^b)^e)$	0.99835	2.14605	1.69677	104.86590	7.48719	201.83719

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	112	6.22	139.050	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	134	7.44	584.550	20	21.866	1	21.866	pg/mL	109.330
CBA template_it_002_004.fcs	127	7.06	911.250	40	38.938	1	38.938	pg/mL	97.344
CBA template_it_003_005.fcs	204	11.33	1478.250	80	70.135	1	70.135	pg/mL	87.669
CBA template_it_004_006.fcs	0	0.00	--	156	0.000	1	0.000	pg/mL	0.000
CBA template_it_005_007.fcs	116	6.44	6459.750	312.5	373.062	1	373.062	pg/mL	119.380
CBA template_it_006_008.fcs	130	7.22	9248.851	625	554.409	1	554.409	pg/mL	88.705
CBA template_it_007_009.fcs	108	6.00	20008.350	1250	1303.779	1	1303.779	pg/mL	104.302
CBA template_it_008_010.fcs	163	9.06	34944.750	2500	2444.927	1	2444.927	pg/mL	97.797
CBA template_it_009_011.fcs	140	7.78	65076.750	5000	5027.450	1	5027.450	pg/mL	100.549
CBA template_1_001_012.fcs	135	7.50	68.850		0.000	1	0.000	pg/mL	--
CBA template_1_002_013.fcs	168	9.33	99.900		0.000	1	0.000	pg/mL	--
CBA template_1_003_014.fcs	160	8.89	99.900		0.000	1	0.000	pg/mL	--
CBA template_1_004_015.fcs	48	2.67	122.850		0.000	1	0.000	pg/mL	--
CBA template_1_005_016.fcs	203	11.28	58.050		0.000	1	0.000	pg/mL	--

CBA template_1_006_017.fcs	158	8.78	109.350	0.000	1	0.000	pg/mL	--
CBA template_1_007_018.fcs	204	10.85	94.500	0.000	1	0.000	pg/mL	--
CBA template_1_008_019.fcs	158	8.78	78.300	0.000	1	0.000	pg/mL	--
CBA template_1_009_020.fcs	186	10.33	128.250	0.000	1	0.000	pg/mL	--
CBA template_2_001_021.fcs	20	1.11	105.300	0.000	1	0.000	pg/mL	--
CBA template_2_002_022.fcs	180	10.00	122.850	0.000	1	0.000	pg/mL	--
CBA template_2_003_023.fcs	0	0.00	--	0.000	1	0.000	pg/mL	--
CBA template_2_004_024.fcs	91	5.06	128.250	0.000	1	0.000	pg/mL	--
CBA template_2_005_025.fcs	170	9.44	145.800	1.442	1	1.442	pg/mL	--
CBA template_2_006_026.fcs	143	7.61	94.500	0.000	1	0.000	pg/mL	--
CBA template_2_007_027.fcs	73	4.06	102.600	0.000	1	0.000	pg/mL	--
CBA template_2_008_028.fcs	137	7.61	149.850	1.642	1	1.642	pg/mL	--
CBA template_2_009_029.fcs	161	8.94	125.550	0.000	1	0.000	pg/mL	--
CBA template_3_001_030.fcs	3	0.17	378.000	11.719	1	11.719	pg/mL	--
CBA template_3_002_031.fcs	213	11.83	3368.250	180.781	1	180.781	pg/mL	--
CBA template_3_003_032.fcs	237	13.17	5528.250	314.026	1	314.026	pg/mL	--
CBA template_3_004_033.fcs	225	12.50	5208.300	293.949	1	293.949	pg/mL	--
CBA template_3_005_034.fcs	238	13.22	6474.600	374.010	1	374.010	pg/mL	--
CBA template_3_006_035.fcs	245	13.62	8591.400	511.091	1	511.091	pg/mL	--
CBA template_3_007_036.fcs	219	12.17	3496.500	188.526	1	188.526	pg/mL	--
CBA template_3_008_037.fcs	238	13.22	1996.650	99.692	1	99.692	pg/mL	--
CBA template_3_009_038.fcs	260	14.44	3451.950	185.833	1	185.833	pg/mL	--
CBA template_4_001_039.fcs	252	14.00	144.450	1.369	1	1.369	pg/mL	--
CBA template_4_002_040.fcs	253	14.06	163.350	2.236	1	2.236	pg/mL	--
CBA template_4_003_041.fcs	244	13.56	168.750	2.463	1	2.463	pg/mL	--
CBA template_4_004_042.fcs	264	14.67	136.350	0.000	1	0.000	pg/mL	--
CBA template_4_005_043.fcs	282	15.67	190.350	3.359	1	3.359	pg/mL	--
CBA template_4_006_044.fcs	235	13.06	244.350	5.646	1	5.646	pg/mL	--
CBA template_4_007_045.fcs	253	14.06	162.000	2.179	1	2.179	pg/mL	--
CBA template_4_008_046.fcs	244	13.56	148.500	1.578	1	1.578	pg/mL	--
CBA template_4_009_047.fcs	274	15.22	151.200	1.705	1	1.705	pg/mL	--
CBA template_5_001_048.fcs	258	14.33	294.300	7.854	1	7.854	pg/mL	--
CBA template_5_002_049.fcs	225	12.50	217.350	4.490	1	4.490	pg/mL	--
CBA template_5_003_050.fcs	236	13.11	218.700	4.548	1	4.548	pg/mL	--

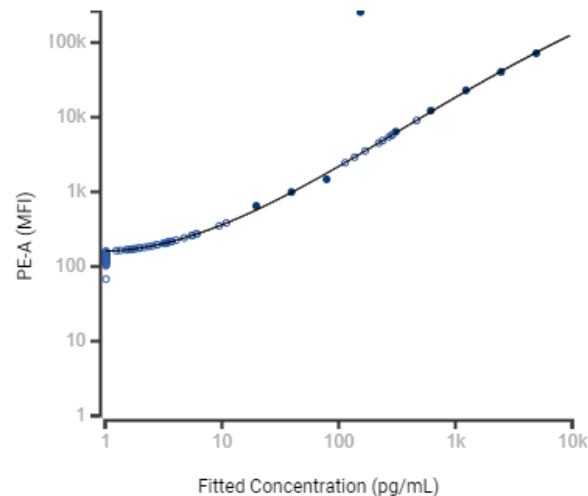
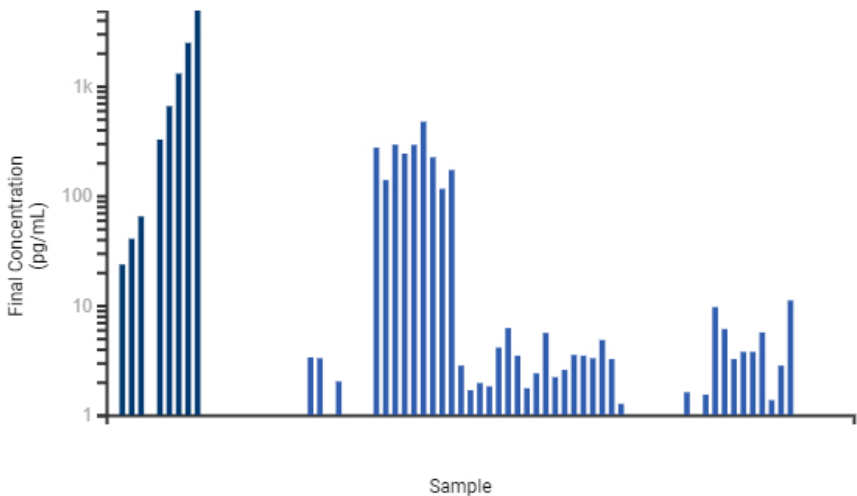
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CBA template_5_003_050.fcs	236	13.11	218.700	4.548	1	4.548	pg/mL	--
CBA template_5_004_051.fcs	214	11.89	322.650	9.142	1	9.142	pg/mL	--
CBA template_5_005_052.fcs	242	13.44	280.800	7.249	1	7.249	pg/mL	--
CBA template_5_006_053.fcs	235	13.06	267.300	6.650	1	6.650	pg/mL	--
CBA template_5_007_054.fcs	193	10.72	436.050	14.497	1	14.497	pg/mL	--
CBA template_5_008_055.fcs	216	12.00	328.050	9.390	1	9.390	pg/mL	--
CBA template_5_009_056.fcs	237	13.17	226.800	4.892	1	4.892	pg/mL	--
CBA template_6_001_057.fcs	243	13.50	135.000	0.000	1	0.000	pg/mL	--
CBA template_6_002_058.fcs	265	14.72	147.150	1.511	1	1.511	pg/mL	--
CBA template_6_003_059.fcs	258	14.33	140.400	1.082	1	1.082	pg/mL	--
CBA template_6_004_060.fcs	248	13.78	135.000	0.000	1	0.000	pg/mL	--
CBA template_6_005_061.fcs	257	14.28	114.750	0.000	1	0.000	pg/mL	--
CBA template_6_006_062.fcs	259	14.39	113.400	0.000	1	0.000	pg/mL	--
CBA template_6_007_063.fcs	271	15.06	129.600	0.000	1	0.000	pg/mL	--
CBA template_6_008_064.fcs	251	13.94	144.450	1.369	1	1.369	pg/mL	--
CBA template_6_009_065.fcs	266	14.78	130.950	0.000	1	0.000	pg/mL	--
CBA template_7_001_066.fcs	221	12.28	322.650	9.142	1	9.142	pg/mL	--
CBA template_7_002_067.fcs	256	14.22	241.650	5.530	1	5.530	pg/mL	--
CBA template_7_003_068.fcs	232	12.89	193.050	3.472	1	3.472	pg/mL	--
CBA template_7_004_069.fcs	274	15.22	230.850	5.065	1	5.065	pg/mL	--
CBA template_7_005_070.fcs	265	14.72	191.700	3.415	1	3.415	pg/mL	--
CBA template_7_006_071.fcs	258	14.33	241.650	5.530	1	5.530	pg/mL	--
CBA template_7_007_072.fcs	260	14.44	135.000	0.000	1	0.000	pg/mL	--
CBA template_7_008_073.fcs	247	13.72	198.450	3.696	1	3.696	pg/mL	--
CBA template_7_009_074.fcs	213	11.83	321.300	9.080	1	9.080	pg/mL	--
CBA template_1_001_075.fcs	245	13.61	156.600	1.946	1	1.946	pg/mL	--
CBA template_1_002_076.fcs	231	12.83	137.700	0.000	1	0.000	pg/mL	--
CBA template_1_003_077.fcs	261	14.50	116.100	0.000	1	0.000	pg/mL	--
CBA template_2_001_078.fcs	261	14.50	117.450	0.000	1	0.000	pg/mL	--
CBA template_2_002_079.fcs	258	14.33	99.900	0.000	1	0.000	pg/mL	--
CBA template_2_003_080.fcs	237	13.17	109.350	0.000	1	0.000	pg/mL	--

Results Per Analyte



Human TNF

2 of 6 Analyte



Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)	Asymmetry (e)
Five Parameter Logistic (Hill)	$\log(y) = d + (a - d) / ((1 + (\log(x) / c)^b)^e)$	0.99843	2.19680	1.84146	104.24557	6.68756	420.12284

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	174	9.67	153.900	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	135	7.50	633.150	20	23.568	1	23.568	pg/mL	117.842
CBA template_it_002_004.fcs	112	6.22	969.300	40	40.451	1	40.451	pg/mL	101.128
CBA template_it_003_005.fcs	218	12.11	1439.100	80	64.636	1	64.636	pg/mL	80.795
CBA template_it_004_006.fcs	0	0.00	--	156	0.000	1	0.000	pg/mL	0.000
CBA template_it_005_007.fcs	115	6.39	6234.300	312.5	324.306	1	324.306	pg/mL	103.778
CBA template_it_006_008.fcs	132	7.33	11983.950	625	654.394	1	654.394	pg/mL	104.703
CBA template_it_007_009.fcs	105	5.83	22396.500	1250	1295.709	1	1295.709	pg/mL	103.657
CBA template_it_008_010.fcs	155	8.61	39669.750	2500	2470.995	1	2470.995	pg/mL	98.840
CBA template_it_009_011.fcs	127	7.06	70258.055	5000	4864.807	1	4864.807	pg/mL	97.296
CBA template_1_001_012.fcs	148	8.22	116.100		0.000	1	0.000	pg/mL	--
CBA template_1_002_013.fcs	192	10.67	102.600		0.000	1	0.000	pg/mL	--
CBA template_1_003_014.fcs	177	9.83	144.450		0.000	1	0.000	pg/mL	--
CBA template_1_004_015.fcs	54	3.00	108.000		0.000	1	0.000	pg/mL	--
CBA template_1_005_016.fcs	200	11.11	108.000		0.000	1	0.000	pg/mL	--

CBA template_1_006_017.fcs	190	10.56	112.050	0.000	1	0.000	pg/mL	--
CBA template_1_007_018.fcs	203	10.80	99.900	0.000	1	0.000	pg/mL	--
CBA template_1_008_019.fcs	171	9.50	124.200	0.000	1	0.000	pg/mL	--
CBA template_1_009_020.fcs	189	10.50	66.150	0.000	1	0.000	pg/mL	--
CBA template_2_001_021.fcs	18	1.00	109.350	0.000	1	0.000	pg/mL	--
CBA template_2_002_022.fcs	201	11.17	133.650	0.000	1	0.000	pg/mL	--
CBA template_2_003_023.fcs	1	0.06	202.500	3.355	1	3.355	pg/mL	--
CBA template_2_004_024.fcs	120	6.67	201.150	3.296	1	3.296	pg/mL	--
CBA template_2_005_025.fcs	196	10.89	145.800	0.000	1	0.000	pg/mL	--
CBA template_2_006_026.fcs	156	8.30	172.800	2.022	1	2.022	pg/mL	--
CBA template_2_007_027.fcs	91	5.06	147.150	0.000	1	0.000	pg/mL	--
CBA template_2_008_028.fcs	129	7.17	114.750	0.000	1	0.000	pg/mL	--
CBA template_2_009_029.fcs	166	9.22	125.550	0.000	1	0.000	pg/mL	--
CBA template_3_001_030.fcs	7	0.39	5325.750	273.875	1	273.875	pg/mL	--
CBA template_3_002_031.fcs	239	13.28	2844.450	138.873	1	138.873	pg/mL	--
CBA template_3_003_032.fcs	232	12.89	5641.650	291.352	1	291.352	pg/mL	--
CBA template_3_004_033.fcs	260	14.44	4734.450	241.328	1	241.328	pg/mL	--
CBA template_3_005_034.fcs	234	13.00	5622.750	290.305	1	290.305	pg/mL	--
CBA template_3_006_035.fcs	238	13.23	8842.500	471.772	1	471.772	pg/mL	--
CBA template_3_007_036.fcs	254	14.11	4407.750	223.441	1	223.441	pg/mL	--
CBA template_3_008_037.fcs	242	13.44	2404.350	115.406	1	115.406	pg/mL	--
CBA template_3_009_038.fcs	270	15.00	3445.200	171.161	1	171.161	pg/mL	--
CBA template_4_001_039.fcs	300	16.67	190.350	2.822	1	2.822	pg/mL	--
CBA template_4_002_040.fcs	264	14.67	166.050	1.684	1	1.684	pg/mL	--
CBA template_4_003_041.fcs	272	15.11	171.450	1.957	1	1.957	pg/mL	--
CBA template_4_004_042.fcs	292	16.22	168.750	1.823	1	1.823	pg/mL	--
CBA template_4_005_043.fcs	253	14.06	220.050	4.121	1	4.121	pg/mL	--
CBA template_4_006_044.fcs	246	13.67	267.300	6.201	1	6.201	pg/mL	--
CBA template_4_007_045.fcs	286	15.89	205.200	3.473	1	3.473	pg/mL	--
CBA template_4_008_046.fcs	268	14.89	167.400	1.755	1	1.755	pg/mL	--
CBA template_4_009_047.fcs	274	15.22	180.900	2.399	1	2.399	pg/mL	--
CBA template_5_001_048.fcs	272	15.11	253.800	5.602	1	5.602	pg/mL	--
CBA template_5_002_049.fcs	259	14.39	176.850	2.213	1	2.213	pg/mL	--
CBA template_5_003_050.fcs	283	15.72	184.950	2.581	1	2.581	pg/mL	--

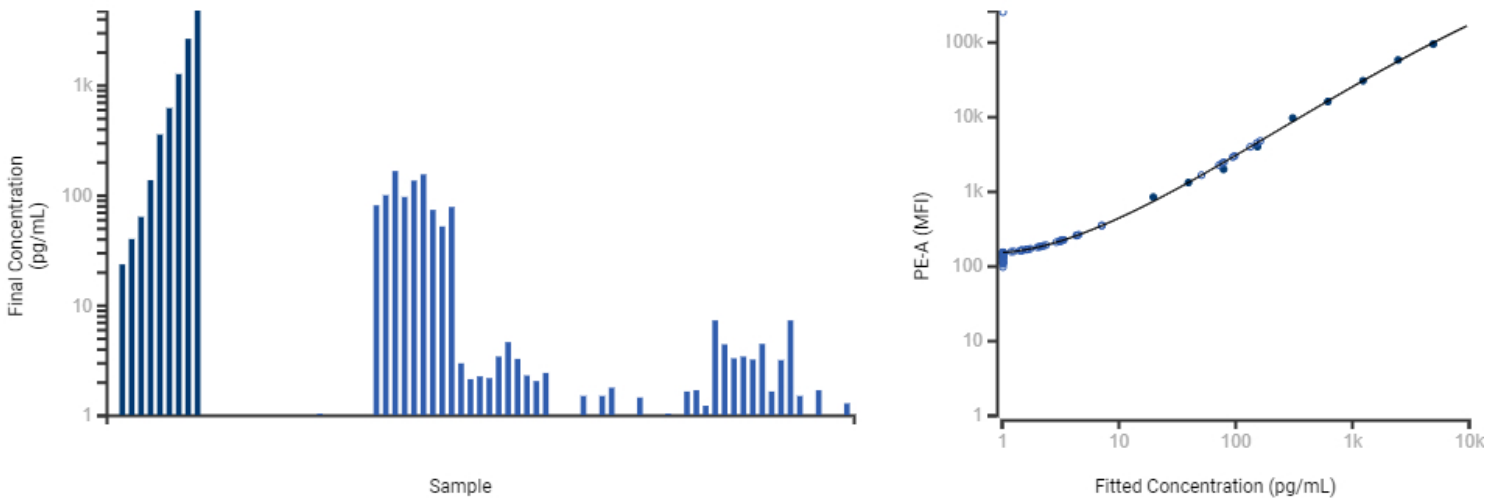
CBA template_5_002_049.fcs	259	14.39	176.850	2.213	1	2.213	pg/mL	--
CBA template_5_003_050.fcs	283	15.72	184.950	2.581	1	2.581	pg/mL	--
CBA template_5_004_051.fcs	262	14.56	206.550	3.532	1	3.532	pg/mL	--
CBA template_5_005_052.fcs	261	14.50	205.200	3.473	1	3.473	pg/mL	--
CBA template_5_006_053.fcs	258	14.33	201.150	3.296	1	3.296	pg/mL	--
CBA template_5_007_054.fcs	274	15.22	236.250	4.829	1	4.829	pg/mL	--
CBA template_5_008_055.fcs	247	13.72	199.800	3.237	1	3.237	pg/mL	--
CBA template_5_009_056.fcs	285	15.83	159.300	1.265	1	1.265	pg/mL	--
CBA template_6_001_057.fcs	264	14.67	145.800	0.000	1	0.000	pg/mL	--
CBA template_6_002_058.fcs	303	16.83	130.950	0.000	1	0.000	pg/mL	--
CBA template_6_003_059.fcs	255	14.17	147.150	0.000	1	0.000	pg/mL	--
CBA template_6_004_060.fcs	286	15.89	149.850	0.000	1	0.000	pg/mL	--
CBA template_6_005_061.fcs	313	17.39	140.400	0.000	1	0.000	pg/mL	--
CBA template_6_006_062.fcs	251	13.94	139.050	0.000	1	0.000	pg/mL	--
CBA template_6_007_063.fcs	247	13.72	164.700	1.610	1	1.610	pg/mL	--
CBA template_6_008_064.fcs	280	15.56	121.500	0.000	1	0.000	pg/mL	--
CBA template_6_009_065.fcs	273	15.17	163.350	1.534	1	1.534	pg/mL	--
CBA template_7_001_066.fcs	270	15.00	342.900	9.630	1	9.630	pg/mL	--
CBA template_7_002_067.fcs	299	16.61	264.600	6.081	1	6.081	pg/mL	--
CBA template_7_003_068.fcs	288	16.00	199.800	3.237	1	3.237	pg/mL	--
CBA template_7_004_069.fcs	253	14.06	211.950	3.767	1	3.767	pg/mL	--
CBA template_7_005_070.fcs	260	14.44	211.950	3.767	1	3.767	pg/mL	--
CBA template_7_006_071.fcs	280	15.56	255.150	5.662	1	5.662	pg/mL	--
CBA template_7_007_072.fcs	288	16.00	160.650	1.365	1	1.365	pg/mL	--
CBA template_7_008_073.fcs	267	14.83	190.350	2.822	1	2.822	pg/mL	--
CBA template_7_009_074.fcs	244	13.56	373.950	11.071	1	11.071	pg/mL	--
CBA template_1_001_075.fcs	253	14.06	149.850	0.000	1	0.000	pg/mL	--
CBA template_1_002_076.fcs	257	14.28	136.350	0.000	1	0.000	pg/mL	--
CBA template_1_003_077.fcs	256	14.22	135.000	0.000	1	0.000	pg/mL	--
CBA template_2_001_078.fcs	255	14.17	136.350	0.000	1	0.000	pg/mL	--
CBA template_2_002_079.fcs	273	15.17	156.600	0.000	1	0.000	pg/mL	--
CBA template_2_003_080.fcs	282	15.67	124.200	0.000	1	0.000	pg/mL	--

Results Per Analyte

Human IL-10

3 of 6 Analyte

PDF



Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)	Asymmetry (e)
Five Parameter Logistic (Hill)	$\log(y) = d + (a - d) / ((1 + (\log(x) / c)^b)^e)$	0.99790	2.17917	1.64553	157.59537	7.21877	391.59075

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	175	9.72	148.500	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	148	8.22	831.600	20	23.415	1	23.415	pg/mL	117.077
CBA template_it_002_004.fcs	154	8.56	1301.400	40	39.782	1	39.782	pg/mL	99.456
CBA template_it_003_005.fcs	225	12.50	1957.500	80	63.216	1	63.216	pg/mL	79.020
CBA template_it_004_006.fcs	1	0.06	3940.650	156	136.378	1	136.378	pg/mL	87.422
CBA template_it_005_007.fcs	133	7.39	9528.300	312.5	354.286	1	354.286	pg/mL	113.372
CBA template_it_006_008.fcs	136	7.56	15830.101	625	615.777	1	615.777	pg/mL	98.524
CBA template_it_007_009.fcs	108	6.00	30065.850	1250	1256.165	1	1256.165	pg/mL	100.493
CBA template_it_008_010.fcs	157	8.72	57006.449	2500	2626.024	1	2626.024	pg/mL	105.041
CBA template_it_009_011.fcs	162	9.00	93106.805	5000	4742.304	1	4742.304	pg/mL	94.846
CBA template_1_001_012.fcs	166	9.22	129.600		0.000	1	0.000	pg/mL	--
CBA template_1_002_013.fcs	228	12.67	121.500		0.000	1	0.000	pg/mL	--
CBA template_1_003_014.fcs	187	10.39	136.350		0.000	1	0.000	pg/mL	--
CBA template_1_004_015.fcs	57	3.17	147.150		0.000	1	0.000	pg/mL	--
CBA template_1_005_016.fcs	193	10.72	110.700		0.000	1	0.000	pg/mL	--

CBA template_1_006_017.fcs	233	12.94	112.050	0.000	1	0.000	pg/mL	--
CBA template_1_007_018.fcs	227	12.07	95.850	0.000	1	0.000	pg/mL	--
CBA template_1_008_019.fcs	207	11.50	109.350	0.000	1	0.000	pg/mL	--
CBA template_1_009_020.fcs	205	11.39	109.350	0.000	1	0.000	pg/mL	--
CBA template_2_001_021.fcs	20	1.11	105.300	0.000	1	0.000	pg/mL	--
CBA template_2_002_022.fcs	209	11.61	143.100	0.000	1	0.000	pg/mL	--
CBA template_2_003_023.fcs	0	0.00	--	0.000	1	0.000	pg/mL	--
CBA template_2_004_024.fcs	110	6.11	151.200	1.030	1	1.030	pg/mL	--
CBA template_2_005_025.fcs	202	11.22	128.250	0.000	1	0.000	pg/mL	--
CBA template_2_006_026.fcs	166	8.83	117.450	0.000	1	0.000	pg/mL	--
CBA template_2_007_027.fcs	94	5.22	122.850	0.000	1	0.000	pg/mL	--
CBA template_2_008_028.fcs	170	9.44	130.950	0.000	1	0.000	pg/mL	--
CBA template_2_009_029.fcs	209	11.61	136.350	0.000	1	0.000	pg/mL	--
CBA template_3_001_030.fcs	9	0.50	2435.400	80.571	1	80.571	pg/mL	--
CBA template_3_002_031.fcs	274	15.22	2951.100	99.512	1	99.512	pg/mL	--
CBA template_3_003_032.fcs	277	15.39	4698.000	164.999	1	164.999	pg/mL	--
CBA template_3_004_033.fcs	256	14.22	2855.250	95.977	1	95.977	pg/mL	--
CBA template_3_005_034.fcs	304	16.89	3909.600	135.212	1	135.212	pg/mL	--
CBA template_3_006_035.fcs	255	14.17	4406.400	153.941	1	153.941	pg/mL	--
CBA template_3_007_036.fcs	302	16.78	2231.550	73.143	1	73.143	pg/mL	--
CBA template_3_008_037.fcs	269	14.94	1637.550	51.723	1	51.723	pg/mL	--
CBA template_3_009_038.fcs	259	14.39	2358.450	77.763	1	77.763	pg/mL	--
CBA template_4_001_039.fcs	276	15.33	206.550	2.949	1	2.949	pg/mL	--
CBA template_4_002_040.fcs	293	16.28	179.550	2.119	1	2.119	pg/mL	--
CBA template_4_003_041.fcs	292	16.22	183.600	2.246	1	2.246	pg/mL	--
CBA template_4_004_042.fcs	270	15.00	180.900	2.161	1	2.161	pg/mL	--
CBA template_4_005_043.fcs	286	15.89	221.400	3.400	1	3.400	pg/mL	--
CBA template_4_006_044.fcs	265	14.72	260.550	4.595	1	4.595	pg/mL	--
CBA template_4_007_045.fcs	295	16.39	216.000	3.236	1	3.236	pg/mL	--
CBA template_4_008_046.fcs	251	13.94	184.950	2.288	1	2.288	pg/mL	--
CBA template_4_009_047.fcs	275	15.28	176.850	2.034	1	2.034	pg/mL	--
CBA template_5_001_048.fcs	282	15.67	189.000	2.413	1	2.413	pg/mL	--
CBA template_5_002_049.fcs	271	15.06	140.400	0.000	1	0.000	pg/mL	--
CBA template_5_003_050.fcs	266	14.78	144.450	0.000	1	0.000	pg/mL	--

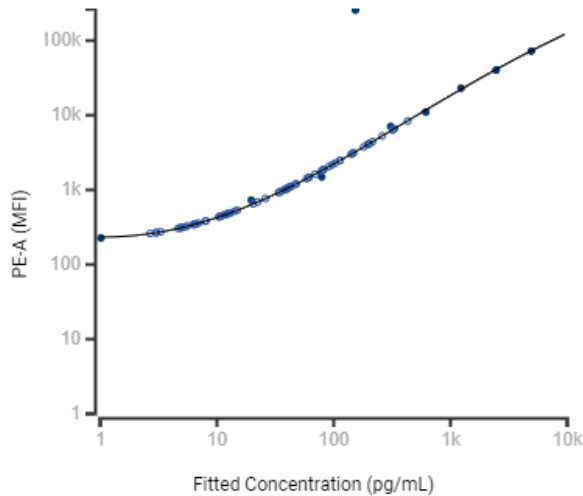
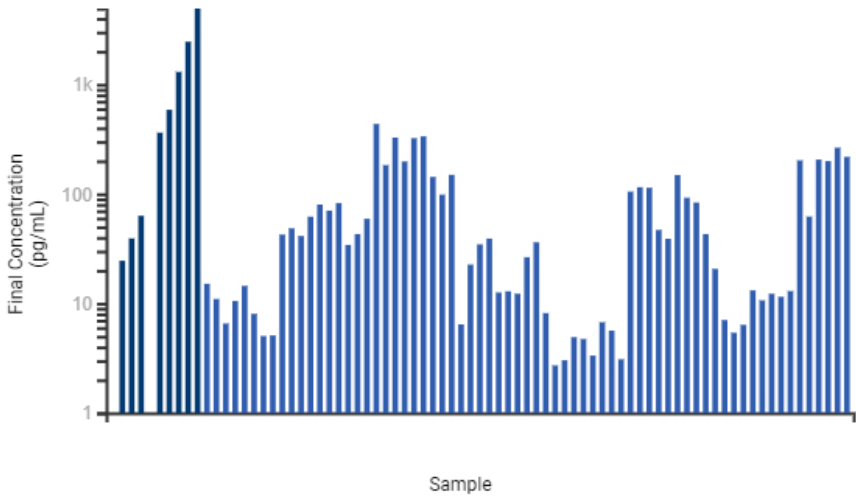
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CBA template_5_003_050.fcs	266	14.78	144.450	0.000	1	0.000	pg/mL	--
CBA template_5_004_051.fcs	305	16.94	137.700	0.000	1	0.000	pg/mL	--
CBA template_5_005_052.fcs	280	15.56	160.650	1.491	1	1.491	pg/mL	--
CBA template_5_006_053.fcs	264	14.67	143.100	0.000	1	0.000	pg/mL	--
CBA template_5_007_054.fcs	315	17.50	160.650	1.491	1	1.491	pg/mL	--
CBA template_5_008_055.fcs	324	18.00	168.750	1.772	1	1.772	pg/mL	--
CBA template_5_009_056.fcs	303	16.83	130.950	0.000	1	0.000	pg/mL	--
CBA template_6_001_057.fcs	275	15.28	148.500	0.000	1	0.000	pg/mL	--
CBA template_6_002_058.fcs	261	14.50	159.300	1.441	1	1.441	pg/mL	--
CBA template_6_003_059.fcs	270	15.00	145.800	0.000	1	0.000	pg/mL	--
CBA template_6_004_060.fcs	264	14.67	144.450	0.000	1	0.000	pg/mL	--
CBA template_6_005_061.fcs	302	16.78	151.200	1.030	1	1.030	pg/mL	--
CBA template_6_006_062.fcs	314	17.44	149.850	0.000	1	0.000	pg/mL	--
CBA template_6_007_063.fcs	311	17.28	164.700	1.635	1	1.635	pg/mL	--
CBA template_6_008_064.fcs	299	16.61	166.050	1.681	1	1.681	pg/mL	--
CBA template_6_009_065.fcs	292	16.22	153.900	1.213	1	1.213	pg/mL	--
CBA template_7_001_066.fcs	317	17.61	345.600	7.250	1	7.250	pg/mL	--
CBA template_7_002_067.fcs	260	14.44	253.800	4.388	1	4.388	pg/mL	--
CBA template_7_003_068.fcs	269	14.94	217.350	3.277	1	3.277	pg/mL	--
CBA template_7_004_069.fcs	279	15.50	221.400	3.400	1	3.400	pg/mL	--
CBA template_7_005_070.fcs	281	15.61	214.650	3.195	1	3.195	pg/mL	--
CBA template_7_006_071.fcs	280	15.56	255.150	4.430	1	4.430	pg/mL	--
CBA template_7_007_072.fcs	292	16.22	164.700	1.635	1	1.635	pg/mL	--
CBA template_7_008_073.fcs	271	15.06	213.300	3.154	1	3.154	pg/mL	--
CBA template_7_009_074.fcs	255	14.17	345.600	7.250	1	7.250	pg/mL	--
CBA template_1_001_075.fcs	322	17.89	160.650	1.491	1	1.491	pg/mL	--
CBA template_1_002_076.fcs	307	17.06	135.000	0.000	1	0.000	pg/mL	--
CBA template_1_003_077.fcs	297	16.50	166.050	1.681	1	1.681	pg/mL	--
CBA template_2_001_078.fcs	315	17.50	136.350	0.000	1	0.000	pg/mL	--
CBA template_2_002_079.fcs	295	16.39	148.500	0.000	1	0.000	pg/mL	--
CBA template_2_003_080.fcs	297	16.50	155.250	1.276	1	1.276	pg/mL	--

Results Per Analyte

Human IL-6

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Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)	Asymmetry (e)
Five Parameter Logistic (Hill)	$\log(y) = d + (a - d) / ((1 + (\log(x) / c)^b)^e)$	0.99740	2.35652	2.05986	67.83003	6.27012	406.79540

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	164	9.11	221.400	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	134	7.44	711.450	20	24.567	1	24.567	pg/mL	122.837
CBA template_it_002_004.fcs	160	8.89	999.000	40	39.290	1	39.290	pg/mL	98.225
CBA template_it_003_005.fcs	205	11.39	1455.300	80	63.251	1	63.251	pg/mL	79.064
CBA template_it_004_006.fcs	0	0.00	--	156	0.000	1	0.000	pg/mL	0.000
CBA template_it_005_007.fcs	156	8.67	6899.850	312.5	363.267	1	363.267	pg/mL	116.245
CBA template_it_006_008.fcs	156	8.67	10795.950	625	587.425	1	587.425	pg/mL	93.988
CBA template_it_007_009.fcs	113	6.28	22478.850	1250	1304.323	1	1304.323	pg/mL	104.346
CBA template_it_008_010.fcs	191	10.61	39420.000	2500	2461.627	1	2461.627	pg/mL	98.465
CBA template_it_009_011.fcs	150	8.33	70452.453	5000	4941.051	1	4941.051	pg/mL	98.821
CBA template_1_001_012.fcs	152	8.44	521.100		15.141	1	15.141	pg/mL	--
CBA template_1_002_013.fcs	193	10.72	434.700		11.004	1	11.004	pg/mL	--
CBA template_1_003_014.fcs	176	9.78	338.850		6.568	1	6.568	pg/mL	--
CBA template_1_004_015.fcs	73	4.06	425.250		10.559	1	10.559	pg/mL	--
CBA template_1_005_016.fcs	205	11.39	507.600		14.487	1	14.487	pg/mL	--

CBA template_1_006_017.fcs	229	12.72	371.250	8.047	1	8.047	pg/mL	--
CBA template_1_007_018.fcs	225	11.97	305.100	5.046	1	5.046	pg/mL	--
CBA template_1_008_019.fcs	209	11.61	306.450	5.107	1	5.107	pg/mL	--
CBA template_1_009_020.fcs	212	11.78	1062.450	42.588	1	42.588	pg/mL	--
CBA template_2_001_021.fcs	29	1.61	1177.200	48.584	1	48.584	pg/mL	--
CBA template_2_002_022.fcs	200	11.11	1038.150	41.323	1	41.323	pg/mL	--
CBA template_2_003_023.fcs	2	0.11	1433.700	62.107	1	62.107	pg/mL	--
CBA template_2_004_024.fcs	115	6.39	1772.550	80.150	1	80.150	pg/mL	--
CBA template_2_005_025.fcs	238	13.22	1591.650	70.496	1	70.496	pg/mL	--
CBA template_2_006_026.fcs	173	9.20	1818.450	82.606	1	82.606	pg/mL	--
CBA template_2_007_027.fcs	104	5.78	901.800	34.268	1	34.268	pg/mL	--
CBA template_2_008_028.fcs	182	10.11	1071.900	43.080	1	43.080	pg/mL	--
CBA template_2_009_029.fcs	181	10.06	1382.400	59.391	1	59.391	pg/mL	--
CBA template_3_001_030.fcs	6	0.33	8181.000	436.150	1	436.150	pg/mL	--
CBA template_3_002_031.fcs	245	13.61	3677.400	183.577	1	183.577	pg/mL	--
CBA template_3_003_032.fcs	272	15.11	6266.700	327.547	1	327.547	pg/mL	--
CBA template_3_004_033.fcs	301	16.72	3944.700	198.278	1	198.278	pg/mL	--
CBA template_3_005_034.fcs	301	16.72	6196.500	323.599	1	323.599	pg/mL	--
CBA template_3_006_035.fcs	287	15.95	6423.300	336.364	1	336.364	pg/mL	--
CBA template_3_007_036.fcs	296	16.44	2940.300	143.252	1	143.252	pg/mL	--
CBA template_3_008_037.fcs	283	15.72	2118.150	98.701	1	98.701	pg/mL	--
CBA template_3_009_038.fcs	302	16.78	3057.750	149.655	1	149.655	pg/mL	--
CBA template_4_001_039.fcs	304	16.89	336.150	6.445	1	6.445	pg/mL	--
CBA template_4_002_040.fcs	304	16.89	673.650	22.669	1	22.669	pg/mL	--
CBA template_4_003_041.fcs	310	17.22	909.900	34.685	1	34.685	pg/mL	--
CBA template_4_004_042.fcs	294	16.33	996.300	39.150	1	39.150	pg/mL	--
CBA template_4_005_043.fcs	312	17.33	468.450	12.606	1	12.606	pg/mL	--
CBA template_4_006_044.fcs	274	15.22	475.200	12.929	1	12.929	pg/mL	--
CBA template_4_007_045.fcs	259	14.39	461.700	12.284	1	12.284	pg/mL	--
CBA template_4_008_046.fcs	329	18.28	749.250	26.476	1	26.476	pg/mL	--
CBA template_4_009_047.fcs	311	17.28	939.600	36.216	1	36.216	pg/mL	--
CBA template_5_001_048.fcs	291	16.17	373.950	8.171	1	8.171	pg/mL	--
CBA template_5_002_049.fcs	304	16.89	253.800	2.719	1	2.719	pg/mL	--
CBA template_5_003_050.fcs	260	14.44	260.550	3.035	1	3.035	pg/mL	--

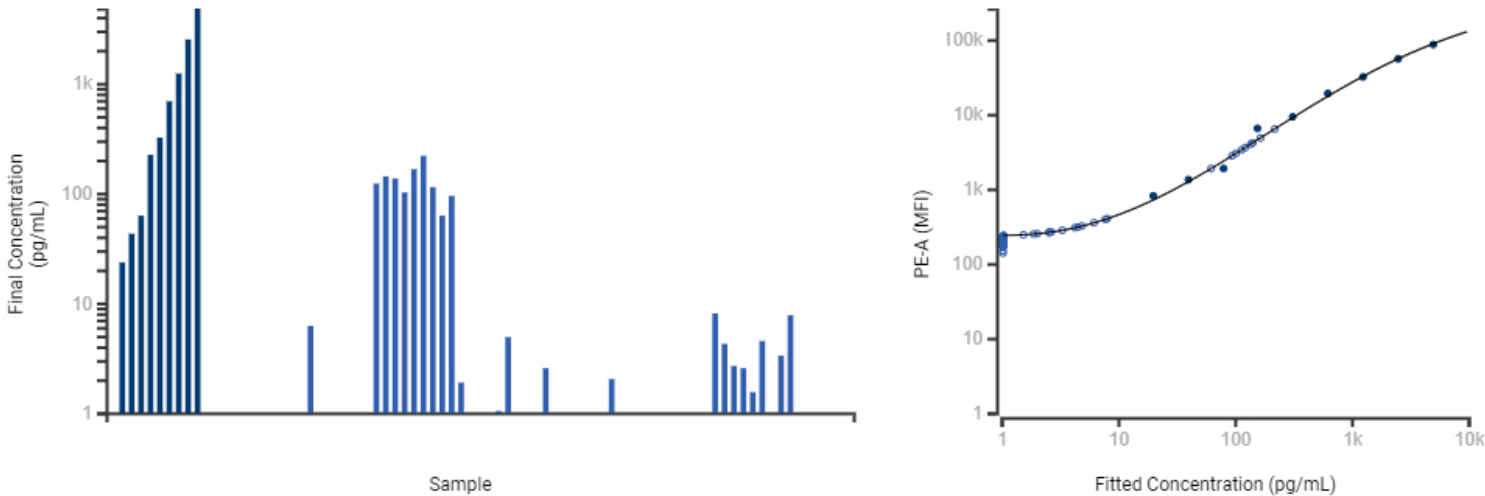
CBA template_5_002_049.fcs	304	16.89	253.800	2.719	1	2.719	pg/mL	--
CBA template_5_003_050.fcs	260	14.44	260.550	3.035	1	3.035	pg/mL	--
CBA template_5_004_051.fcs	282	15.67	302.400	4.925	1	4.925	pg/mL	--
CBA template_5_005_052.fcs	252	14.00	298.350	4.743	1	4.743	pg/mL	--
CBA template_5_006_053.fcs	265	14.72	267.300	3.345	1	3.345	pg/mL	--
CBA template_5_007_054.fcs	256	14.22	342.900	6.751	1	6.751	pg/mL	--
CBA template_5_008_055.fcs	255	14.17	318.600	5.653	1	5.653	pg/mL	--
CBA template_5_009_056.fcs	305	16.94	261.900	3.097	1	3.097	pg/mL	--
CBA template_6_001_057.fcs	277	15.39	2239.650	105.251	1	105.251	pg/mL	--
CBA template_6_002_058.fcs	316	17.56	2427.300	115.393	1	115.393	pg/mL	--
CBA template_6_003_059.fcs	290	16.11	2401.650	114.005	1	114.005	pg/mL	--
CBA template_6_004_060.fcs	284	15.78	1146.150	46.958	1	46.958	pg/mL	--
CBA template_6_005_061.fcs	286	15.89	993.600	39.010	1	39.010	pg/mL	--
CBA template_6_006_062.fcs	305	16.94	3044.250	148.919	1	148.919	pg/mL	--
CBA template_6_007_063.fcs	319	17.72	2002.050	92.455	1	92.455	pg/mL	--
CBA template_6_008_064.fcs	284	15.78	1836.000	83.546	1	83.546	pg/mL	--
CBA template_6_009_065.fcs	312	17.33	1071.900	43.080	1	43.080	pg/mL	--
CBA template_7_001_066.fcs	276	15.33	634.500	20.715	1	20.715	pg/mL	--
CBA template_7_002_067.fcs	291	16.17	349.650	7.059	1	7.059	pg/mL	--
CBA template_7_003_068.fcs	337	18.72	313.200	5.410	1	5.410	pg/mL	--
CBA template_7_004_069.fcs	301	16.72	334.800	6.384	1	6.384	pg/mL	--
CBA template_7_005_070.fcs	291	16.17	480.600	13.188	1	13.188	pg/mL	--
CBA template_7_006_071.fcs	300	16.67	427.950	10.686	1	10.686	pg/mL	--
CBA template_7_007_072.fcs	297	16.50	461.700	12.284	1	12.284	pg/mL	--
CBA template_7_008_073.fcs	332	18.44	445.500	11.515	1	11.515	pg/mL	--
CBA template_7_009_074.fcs	320	17.78	476.550	12.994	1	12.994	pg/mL	--
CBA template_1_001_075.fcs	334	18.56	4028.400	202.889	1	202.889	pg/mL	--
CBA template_1_002_076.fcs	338	18.78	1436.400	62.250	1	62.250	pg/mL	--
CBA template_1_003_077.fcs	320	17.78	4089.150	206.238	1	206.238	pg/mL	--
CBA template_2_001_078.fcs	312	17.33	3973.050	199.839	1	199.839	pg/mL	--
CBA template_2_002_079.fcs	307	17.06	5147.550	264.900	1	264.900	pg/mL	--
CBA template_2_003_080.fcs	313	17.39	4309.200	218.386	1	218.386	pg/mL	--

Results Per Analyte

Human IL-1β

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Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)	Asymmetry (e)
Five Parameter Logistic (Hill)	$\log(y) = d + (a - d) / ((1 + (\log(x) / c)^b)^e)$	0.99761	2.38071	2.20829	55.24506	5.58639	632.30510

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	135	7.50	232.200	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	110	6.11	811.350	20	23.470	1	23.470	pg/mL	117.352
CBA template_it_002_004.fcs	118	6.56	1339.200	40	42.866	1	42.866	pg/mL	107.165
CBA template_it_003_005.fcs	207	11.50	1887.300	80	62.578	1	62.578	pg/mL	78.222
CBA template_it_004_006.fcs	2	0.11	6507.000	156	223.673	1	223.673	pg/mL	143.380
CBA template_it_005_007.fcs	124	6.89	9286.650	312.5	321.417	1	321.417	pg/mL	102.854
CBA template_it_006_008.fcs	143	7.94	19083.600	625	687.913	1	687.913	pg/mL	110.066
CBA template_it_007_009.fcs	116	6.44	31818.150	1250	1232.141	1	1232.141	pg/mL	98.571
CBA template_it_008_010.fcs	189	10.50	55734.750	2500	2514.564	1	2514.564	pg/mL	100.583
CBA template_it_009_011.fcs	166	9.22	86364.898	5000	4806.834	1	4806.834	pg/mL	96.137
CBA template_1_001_012.fcs	129	7.17	174.150		0.000	1	0.000	pg/mL	--
CBA template_1_002_013.fcs	157	8.72	184.950		0.000	1	0.000	pg/mL	--
CBA template_1_003_014.fcs	123	6.83	232.200		0.000	1	0.000	pg/mL	--
CBA template_1_004_015.fcs	48	2.67	170.100		0.000	1	0.000	pg/mL	--
CBA template_1_005_016.fcs	165	9.17	197.100		0.000	1	0.000	pg/mL	--

CBA template_1_006_017.fcs	166	9.22	139.050	0.000	1	0.000	pg/mL	--
CBA template_1_007_018.fcs	179	9.52	175.500	0.000	1	0.000	pg/mL	--
CBA template_1_008_019.fcs	155	8.61	168.750	0.000	1	0.000	pg/mL	--
CBA template_1_009_020.fcs	182	10.11	189.000	0.000	1	0.000	pg/mL	--
CBA template_2_001_021.fcs	12	0.67	233.550	0.000	1	0.000	pg/mL	--
CBA template_2_002_022.fcs	174	9.67	178.200	0.000	1	0.000	pg/mL	--
CBA template_2_003_023.fcs	3	0.17	353.700	6.207	1	6.207	pg/mL	--
CBA template_2_004_024.fcs	112	6.22	176.850	0.000	1	0.000	pg/mL	--
CBA template_2_005_025.fcs	173	9.61	221.400	0.000	1	0.000	pg/mL	--
CBA template_2_006_026.fcs	143	7.61	149.850	0.000	1	0.000	pg/mL	--
CBA template_2_007_027.fcs	87	4.83	195.750	0.000	1	0.000	pg/mL	--
CBA template_2_008_028.fcs	105	5.83	184.950	0.000	1	0.000	pg/mL	--
CBA template_2_009_029.fcs	153	8.50	170.100	0.000	1	0.000	pg/mL	--
CBA template_3_001_030.fcs	7	0.39	3593.700	122.507	1	122.507	pg/mL	--
CBA template_3_002_031.fcs	277	15.39	4170.150	142.531	1	142.531	pg/mL	--
CBA template_3_003_032.fcs	254	14.11	3997.350	136.534	1	136.534	pg/mL	--
CBA template_3_004_033.fcs	220	12.22	3002.400	101.893	1	101.893	pg/mL	--
CBA template_3_005_034.fcs	244	13.56	4837.050	165.661	1	165.661	pg/mL	--
CBA template_3_006_035.fcs	251	13.95	6392.250	219.675	1	219.675	pg/mL	--
CBA template_3_007_036.fcs	271	15.06	3346.650	113.907	1	113.907	pg/mL	--
CBA template_3_008_037.fcs	280	15.56	1887.300	62.578	1	62.578	pg/mL	--
CBA template_3_009_038.fcs	271	15.06	2795.850	94.664	1	94.664	pg/mL	--
CBA template_4_001_039.fcs	275	15.28	249.750	1.890	1	1.890	pg/mL	--
CBA template_4_002_040.fcs	272	15.11	216.000	0.000	1	0.000	pg/mL	--
CBA template_4_003_041.fcs	284	15.78	217.350	0.000	1	0.000	pg/mL	--
CBA template_4_004_042.fcs	268	14.89	230.850	0.000	1	0.000	pg/mL	--
CBA template_4_005_043.fcs	281	15.61	240.300	1.045	1	1.045	pg/mL	--
CBA template_4_006_044.fcs	309	17.17	319.950	4.896	1	4.896	pg/mL	--
CBA template_4_007_045.fcs	291	16.17	230.850	0.000	1	0.000	pg/mL	--
CBA template_4_008_046.fcs	292	16.22	221.400	0.000	1	0.000	pg/mL	--
CBA template_4_009_047.fcs	282	15.67	216.000	0.000	1	0.000	pg/mL	--
CBA template_5_001_048.fcs	272	15.11	263.250	2.562	1	2.562	pg/mL	--
CBA template_5_002_049.fcs	270	15.00	205.200	0.000	1	0.000	pg/mL	--
CBA template_5_003_050.fcs	258	14.33	195.750	0.000	1	0.000	pg/mL	--

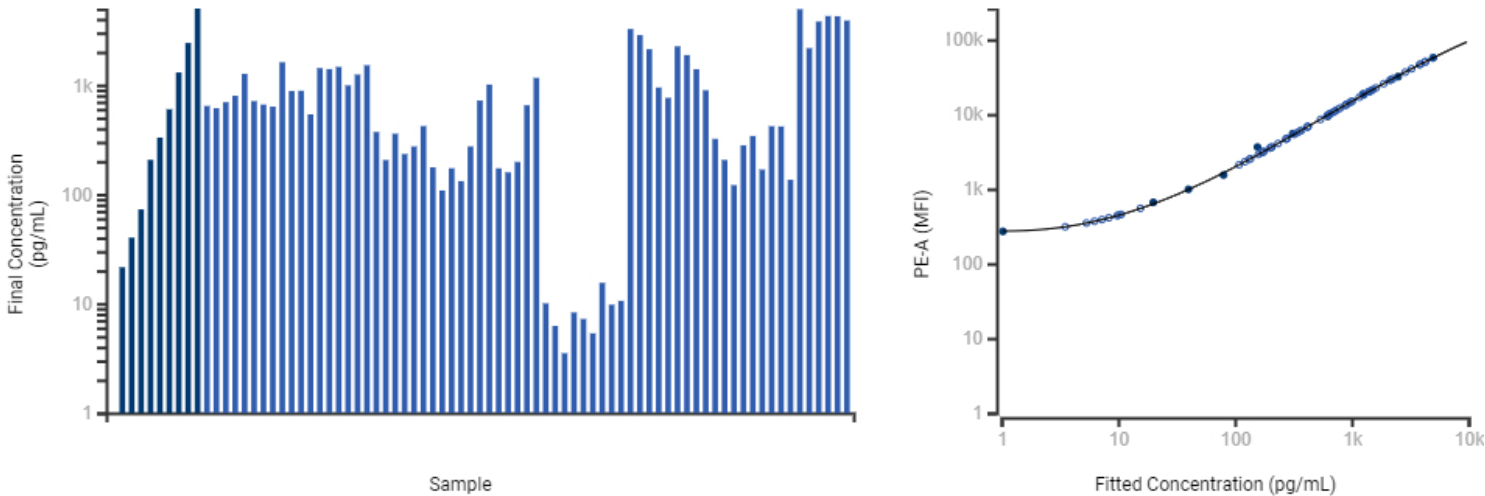
CBA template_5_002_049.fcs	270	15.00	205.200	0.000	1	0.000	pg/mL	--
CBA template_5_003_050.fcs	258	14.33	195.750	0.000	1	0.000	pg/mL	--
CBA template_5_004_051.fcs	266	14.78	211.950	0.000	1	0.000	pg/mL	--
CBA template_5_005_052.fcs	264	14.67	217.350	0.000	1	0.000	pg/mL	--
CBA template_5_006_053.fcs	247	13.72	209.250	0.000	1	0.000	pg/mL	--
CBA template_5_007_054.fcs	255	14.17	233.550	0.000	1	0.000	pg/mL	--
CBA template_5_008_055.fcs	288	16.00	252.450	2.037	1	2.037	pg/mL	--
CBA template_5_009_056.fcs	249	13.83	207.900	0.000	1	0.000	pg/mL	--
CBA template_6_001_057.fcs	309	17.17	210.600	0.000	1	0.000	pg/mL	--
CBA template_6_002_058.fcs	252	14.00	226.800	0.000	1	0.000	pg/mL	--
CBA template_6_003_059.fcs	321	17.83	221.400	0.000	1	0.000	pg/mL	--
CBA template_6_004_060.fcs	289	16.06	197.100	0.000	1	0.000	pg/mL	--
CBA template_6_005_061.fcs	244	13.56	180.900	0.000	1	0.000	pg/mL	--
CBA template_6_006_062.fcs	273	15.17	199.800	0.000	1	0.000	pg/mL	--
CBA template_6_007_063.fcs	279	15.50	203.850	0.000	1	0.000	pg/mL	--
CBA template_6_008_064.fcs	264	14.67	209.250	0.000	1	0.000	pg/mL	--
CBA template_6_009_065.fcs	219	12.17	203.850	0.000	1	0.000	pg/mL	--
CBA template_7_001_066.fcs	261	14.50	402.300	8.070	1	8.070	pg/mL	--
CBA template_7_002_067.fcs	276	15.33	303.750	4.256	1	4.256	pg/mL	--
CBA template_7_003_068.fcs	285	15.83	265.950	2.684	1	2.684	pg/mL	--
CBA template_7_004_069.fcs	245	13.61	263.250	2.562	1	2.562	pg/mL	--
CBA template_7_005_070.fcs	285	15.83	244.350	1.547	1	1.547	pg/mL	--
CBA template_7_006_071.fcs	248	13.78	310.500	4.524	1	4.524	pg/mL	--
CBA template_7_007_072.fcs	275	15.28	207.900	0.000	1	0.000	pg/mL	--
CBA template_7_008_073.fcs	291	16.17	280.800	3.324	1	3.324	pg/mL	--
CBA template_7_009_074.fcs	271	15.06	394.200	7.760	1	7.760	pg/mL	--
CBA template_1_001_075.fcs	290	16.11	221.400	0.000	1	0.000	pg/mL	--
CBA template_1_002_076.fcs	267	14.83	201.150	0.000	1	0.000	pg/mL	--
CBA template_1_003_077.fcs	281	15.61	199.800	0.000	1	0.000	pg/mL	--
CBA template_2_001_078.fcs	262	14.56	189.000	0.000	1	0.000	pg/mL	--
CBA template_2_002_079.fcs	268	14.89	187.650	0.000	1	0.000	pg/mL	--
CBA template_2_003_080.fcs	293	16.28	236.250	0.000	1	0.000	pg/mL	--

Results Per Analyte

Human IL-8

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PDF



Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)	Asymmetry (e)
Five Parameter Logistic (Hill)	$\log(y) = d + (a - d) / ((1 + (\log(x) / c)^b)^e)$	0.99953	2.43782	2.17598	47.83191	6.02444	273.86921

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	141	7.83	271.350	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	93	5.17	664.200	20	21.565	1	21.565	pg/mL	107.827
CBA template_it_002_004.fcs	110	6.11	993.600	40	40.248	1	40.248	pg/mL	100.620
CBA template_it_003_005.fcs	170	9.44	1541.700	80	72.993	1	72.993	pg/mL	91.241
CBA template_it_004_006.fcs	6	0.33	3661.200	156	207.182	1	207.182	pg/mL	132.809
CBA template_it_005_007.fcs	127	7.06	5532.300	312.5	330.925	1	330.925	pg/mL	105.896
CBA template_it_006_008.fcs	146	8.11	9443.250	625	601.180	1	601.180	pg/mL	96.189
CBA template_it_007_009.fcs	123	6.83	18820.350	1250	1305.651	1	1305.651	pg/mL	104.452
CBA template_it_008_010.fcs	155	8.61	32069.250	2500	2429.695	1	2429.695	pg/mL	97.188
CBA template_it_009_011.fcs	173	9.61	57581.551	5000	5017.611	1	5017.611	pg/mL	100.352
CBA template_1_001_012.fcs	127	7.06	10053.450		644.649	1	644.649	pg/mL	--
CBA template_1_002_013.fcs	145	8.06	9643.050		615.376	1	615.376	pg/mL	--
CBA template_1_003_014.fcs	119	6.61	10794.601		697.902	1	697.902	pg/mL	--
CBA template_1_004_015.fcs	56	3.11	12179.700		798.749	1	798.749	pg/mL	--
CBA template_1_005_016.fcs	164	9.11	18347.850		1268.322	1	1268.322	pg/mL	--

CBA template_1_006_017.fcs	149	8.28	11022.750	714.395	1	714.395	pg/mL	--
CBA template_1_007_018.fcs	187	9.95	10322.101	663.894	1	663.894	pg/mL	--
CBA template_1_008_019.fcs	161	8.94	9922.500	635.292	1	635.292	pg/mL	--
CBA template_1_009_020.fcs	172	9.56	22693.500	1618.830	1	1618.830	pg/mL	--
CBA template_2_001_021.fcs	18	1.00	13332.601	883.992	1	883.992	pg/mL	--
CBA template_2_002_022.fcs	153	8.50	13385.250	887.913	1	887.913	pg/mL	--
CBA template_2_003_023.fcs	1	0.06	8588.700	540.882	1	540.882	pg/mL	--
CBA template_2_004_024.fcs	117	6.50	20390.400	1431.061	1	1431.061	pg/mL	--
CBA template_2_005_025.fcs	168	9.33	20034.000	1402.408	1	1402.408	pg/mL	--
CBA template_2_006_026.fcs	137	7.29	20845.350	1467.794	1	1467.794	pg/mL	--
CBA template_2_007_027.fcs	77	4.28	14804.101	994.491	1	994.491	pg/mL	--
CBA template_2_008_028.fcs	118	6.56	18108.900	1249.518	1	1249.518	pg/mL	--
CBA template_2_009_029.fcs	155	8.61	21487.951	1519.979	1	1519.979	pg/mL	--
CBA template_3_001_030.fcs	8	0.44	6153.300	372.836	1	372.836	pg/mL	--
CBA template_3_002_031.fcs	269	14.94	3649.050	206.392	1	206.392	pg/mL	--
CBA template_3_003_032.fcs	284	15.78	5953.500	359.308	1	359.308	pg/mL	--
CBA template_3_004_033.fcs	252	14.00	4078.350	234.417	1	234.417	pg/mL	--
CBA template_3_005_034.fcs	257	14.28	4688.550	274.632	1	274.632	pg/mL	--
CBA template_3_006_035.fcs	245	13.62	6874.200	421.979	1	421.979	pg/mL	--
CBA template_3_007_036.fcs	243	13.50	3195.450	177.041	1	177.041	pg/mL	--
CBA template_3_008_037.fcs	284	15.78	2118.150	108.609	1	108.609	pg/mL	--
CBA template_3_009_038.fcs	264	14.67	3138.750	173.393	1	173.393	pg/mL	--
CBA template_4_001_039.fcs	253	14.06	2496.150	132.388	1	132.388	pg/mL	--
CBA template_4_002_040.fcs	279	15.50	4691.250	274.811	1	274.811	pg/mL	--
CBA template_4_003_041.fcs	274	15.22	11136.150	722.610	1	722.610	pg/mL	--
CBA template_4_004_042.fcs	295	16.39	15020.101	1010.870	1	1010.870	pg/mL	--
CBA template_4_005_043.fcs	241	13.39	3133.350	173.045	1	173.045	pg/mL	--
CBA template_4_006_044.fcs	277	15.39	2916.000	159.104	1	159.104	pg/mL	--
CBA template_4_007_045.fcs	286	15.89	3524.850	198.328	1	198.328	pg/mL	--
CBA template_4_008_046.fcs	310	17.22	10191.150	654.505	1	654.505	pg/mL	--
CBA template_4_009_047.fcs	271	15.06	17015.400	1164.089	1	1164.089	pg/mL	--
CBA template_5_001_048.fcs	244	13.56	446.850	10.076	1	10.076	pg/mL	--
CBA template_5_002_049.fcs	240	13.33	369.900	6.267	1	6.267	pg/mL	--
CBA template_5_003_050.fcs	239	13.28	313.200	3.524	1	3.524	pg/mL	--

CBA template_5_002_049.fcs	240	13.33	369.900	6.267	1	6.267	pg/mL	--
CBA template_5_003_050.fcs	239	13.28	313.200	3.524	1	3.524	pg/mL	--
CBA template_5_004_051.fcs	243	13.50	411.750	8.320	1	8.320	pg/mL	--
CBA template_5_005_052.fcs	226	12.56	390.150	7.255	1	7.255	pg/mL	--
CBA template_5_006_053.fcs	227	12.61	351.000	5.353	1	5.353	pg/mL	--
CBA template_5_007_054.fcs	199	11.06	552.150	15.525	1	15.525	pg/mL	--
CBA template_5_008_055.fcs	198	11.00	441.450	9.803	1	9.803	pg/mL	--
CBA template_5_009_056.fcs	239	13.28	457.650	10.622	1	10.622	pg/mL	--
CBA template_6_001_057.fcs	279	15.50	40888.801	3260.636	1	3260.636	pg/mL	--
CBA template_6_002_058.fcs	277	15.39	36826.652	2869.671	1	2869.671	pg/mL	--
CBA template_6_003_059.fcs	269	14.94	28723.951	2131.825	1	2131.825	pg/mL	--
CBA template_6_004_060.fcs	273	15.17	14216.851	950.166	1	950.166	pg/mL	--
CBA template_6_005_061.fcs	241	13.39	11708.550	764.253	1	764.253	pg/mL	--
CBA template_6_006_062.fcs	272	15.11	30206.250	2262.640	1	2262.640	pg/mL	--
CBA template_6_007_063.fcs	249	13.83	25861.951	1884.517	1	1884.517	pg/mL	--
CBA template_6_008_064.fcs	259	14.39	20008.350	1400.350	1	1400.350	pg/mL	--
CBA template_6_009_065.fcs	242	13.44	13514.851	897.575	1	897.575	pg/mL	--
CBA template_7_001_066.fcs	295	16.39	5408.100	322.590	1	322.590	pg/mL	--
CBA template_7_002_067.fcs	294	16.33	3654.450	206.743	1	206.743	pg/mL	--
CBA template_7_003_068.fcs	262	14.56	2326.050	121.653	1	121.653	pg/mL	--
CBA template_7_004_069.fcs	288	16.00	4791.150	281.436	1	281.436	pg/mL	--
CBA template_7_005_070.fcs	266	14.78	5705.100	342.547	1	342.547	pg/mL	--
CBA template_7_006_071.fcs	299	16.61	3068.550	168.882	1	168.882	pg/mL	--
CBA template_7_007_072.fcs	264	14.67	6853.950	420.591	1	420.591	pg/mL	--
CBA template_7_008_073.fcs	286	15.89	6818.850	418.187	1	418.187	pg/mL	--
CBA template_7_009_074.fcs	293	16.28	2552.850	135.979	1	135.979	pg/mL	--
CBA template_1_001_075.fcs	248	13.78	56990.250	4951.171	1	4951.171	pg/mL	--
CBA template_1_002_076.fcs	286	15.89	29261.250	2179.027	1	2179.027	pg/mL	--
CBA template_1_003_077.fcs	274	15.22	46435.949	3817.461	1	3817.461	pg/mL	--
CBA template_2_001_078.fcs	271	15.06	50936.852	4288.924	1	4288.924	pg/mL	--
CBA template_2_002_079.fcs	282	15.67	50766.750	4270.783	1	4270.783	pg/mL	--
CBA template_2_003_080.fcs	269	14.94	47216.250	3897.928	1	3897.928	pg/mL	--

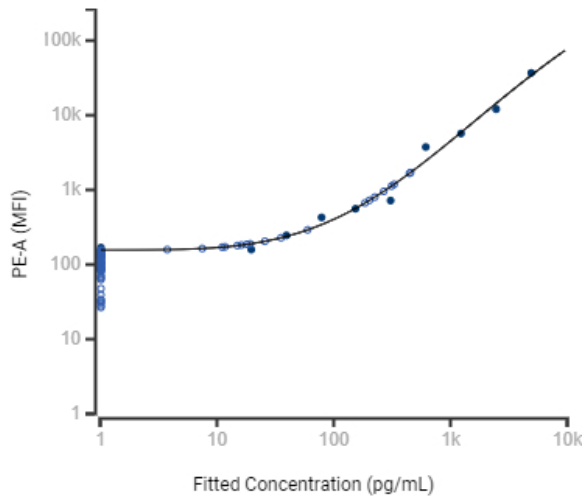
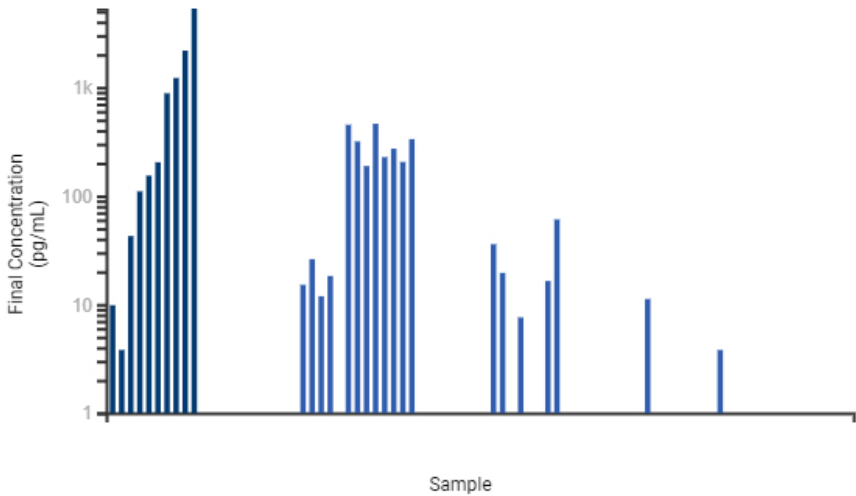
9.2 RAW 264.7 macrophages cells

Results Per Analyte

Mouse IL-12p70

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PDF



Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)
Four Parameter Logistic (Hill)	$\log(y) = d + (a - d) / (1 + (\log(x) / c)^b)$	0.98521	2.18595	3.83870	3.69351	6.84845

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	118	6.56	164.400	0	9.847	1	9.847	pg/mL	0.000
CBA template_it_001_003.fcs	119	6.61	154.810	20	3.812	1	3.812	pg/mL	19.061
CBA template_it_002_004.fcs	129	7.17	239.750	40	42.744	1	42.744	pg/mL	106.861
CBA template_it_003_005.fcs	118	6.56	417.850	80	110.310	1	110.310	pg/mL	137.888
CBA template_it_004_006.fcs	123	6.83	545.260	156	154.045	1	154.045	pg/mL	98.747
CBA template_it_005_007.fcs	103	5.72	702.810	312	204.386	1	204.386	pg/mL	65.508
CBA template_it_006_008.fcs	88	4.89	3664.750	625	882.392	1	882.392	pg/mL	141.183
CBA template_it_007_009.fcs	123	6.83	5556.720	1250	1221.722	1	1221.722	pg/mL	97.738
CBA template_it_008_010.fcs	187	10.39	11780.630	2500	2182.382	1	2182.382	pg/mL	87.295
CBA template_it_009_011.fcs	145	8.06	36066.621	5000	5328.468	1	5328.468	pg/mL	106.569
CBA template_1_001_012.fcs	88	4.89	108.230		0.000	1	0.000	pg/mL	--
CBA template_1_002_013.fcs	79	4.39	67.130		0.000	1	0.000	pg/mL	--
CBA template_1_003_014.fcs	70	3.89	100.010		0.000	1	0.000	pg/mL	--
CBA template_1_004_015.fcs	73	4.06	27.400		0.000	1	0.000	pg/mL	--
CBA template_1_005_016.fcs	165	9.17	120.560		0.000	1	0.000	pg/mL	--

CBA template_1_006_017.fcs	105	5.83	30.140	0.000	1	0.000	pg/mL	--
CBA template_1_007_018.fcs	146	8.11	130.150	0.000	1	0.000	pg/mL	--
CBA template_1_008_019.fcs	106	5.89	124.670	0.000	1	0.000	pg/mL	--
CBA template_2_001_020.fcs	142	7.89	61.650	0.000	1	0.000	pg/mL	--
CBA template_2_002_021.fcs	118	6.56	87.680	0.000	1	0.000	pg/mL	--
CBA template_2_003_022.fcs	131	7.28	116.450	0.000	1	0.000	pg/mL	--
CBA template_2_004_023.fcs	111	6.17	175.360	15.195	1	15.195	pg/mL	--
CBA template_2_005_024.fcs	126	7.00	200.020	26.151	1	26.151	pg/mL	--
CBA template_2_006_025.fcs	109	6.06	168.510	11.924	1	11.924	pg/mL	--
CBA template_2_007_026.fcs	149	8.28	182.210	18.330	1	18.330	pg/mL	--
CBA template_2_008_027.fcs	78	4.33	153.440	0.000	1	0.000	pg/mL	--
CBA template_3_001_028.fcs	227	12.61	1627.560	452.873	1	452.873	pg/mL	--
CBA template_3_002_029.fcs	226	12.56	1097.370	317.994	1	317.994	pg/mL	--
CBA template_3_003_030.fcs	238	13.22	652.120	188.576	1	188.576	pg/mL	--
CBA template_3_004_031.fcs	228	12.67	1665.920	462.073	1	462.073	pg/mL	--
CBA template_3_005_032.fcs	226	12.56	780.900	228.114	1	228.114	pg/mL	--
CBA template_3_006_033.fcs	243	13.50	934.340	272.819	1	272.819	pg/mL	--
CBA template_3_007_034.fcs	252	14.00	706.920	205.653	1	205.653	pg/mL	--
CBA template_3_008_035.fcs	231	12.83	1157.650	334.182	1	334.182	pg/mL	--
CBA template_4_001_036.fcs	98	5.44	131.520	0.000	1	0.000	pg/mL	--
CBA template_4_002_037.fcs	171	9.50	80.830	0.000	1	0.000	pg/mL	--
CBA template_4_003_038.fcs	173	9.61	93.160	0.000	1	0.000	pg/mL	--
CBA template_4_004_039.fcs	170	9.44	89.050	0.000	1	0.000	pg/mL	--
CBA template_4_005_040.fcs	211	11.72	71.240	0.000	1	0.000	pg/mL	--
CBA template_4_006_041.fcs	155	8.61	30.140	0.000	1	0.000	pg/mL	--
CBA template_4_007_042.fcs	136	7.56	119.190	0.000	1	0.000	pg/mL	--
CBA template_4_008_043.fcs	177	9.83	145.220	0.000	1	0.000	pg/mL	--
CBA template_5_001_044.fcs	251	13.94	223.310	35.980	1	35.980	pg/mL	--
CBA template_5_002_045.fcs	266	14.78	184.950	19.559	1	19.559	pg/mL	--
CBA template_5_003_046.fcs	225	12.50	137.000	0.000	1	0.000	pg/mL	--
CBA template_5_004_047.fcs	247	13.72	160.290	7.606	1	7.606	pg/mL	--
CBA template_5_005_048.fcs	263	14.61	145.220	0.000	1	0.000	pg/mL	--
CBA template_5_006_049.fcs	240	13.33	130.150	0.000	1	0.000	pg/mL	--
CBA template_5_007_050.fcs	241	13.39	178.100	16.461	1	16.461	pg/mL	--

CBA template_5_006_049.fcs	240	13.33	130.150	0.000	1	0.000	pg/mL	--
CBA template_5_007_050.fcs	241	13.39	178.100	16.461	1	16.461	pg/mL	--
CBA template_5_008_051.fcs	246	13.67	284.960	60.792	1	60.792	pg/mL	--
CBA template_6_001_052.fcs	118	6.56	145.220	0.000	1	0.000	pg/mL	--
CBA template_6_002_053.fcs	96	5.33	79.460	0.000	1	0.000	pg/mL	--
CBA template_6_003_054.fcs	77	4.28	102.750	0.000	1	0.000	pg/mL	--
CBA template_6_004_055.fcs	102	5.67	89.050	0.000	1	0.000	pg/mL	--
CBA template_6_005_056.fcs	115	6.39	38.360	0.000	1	0.000	pg/mL	--
CBA template_6_006_057.fcs	92	5.11	79.460	0.000	1	0.000	pg/mL	--
CBA template_6_007_058.fcs	86	4.78	94.530	0.000	1	0.000	pg/mL	--
CBA template_6_008_059.fcs	91	5.06	89.050	0.000	1	0.000	pg/mL	--
CBA template_7_001_060.fcs	148	8.22	126.040	0.000	1	0.000	pg/mL	--
CBA template_7_002_061.fcs	226	12.56	167.140	11.244	1	11.244	pg/mL	--
CBA template_7_003_062.fcs	165	9.17	102.750	0.000	1	0.000	pg/mL	--
CBA template_7_004_063.fcs	162	9.00	84.940	0.000	1	0.000	pg/mL	--
CBA template_7_005_064.fcs	180	10.00	109.600	0.000	1	0.000	pg/mL	--
CBA template_7_006_065.fcs	163	9.06	86.310	0.000	1	0.000	pg/mL	--
CBA template_7_007_066.fcs	211	11.72	132.890	0.000	1	0.000	pg/mL	--
CBA template_7_008_067.fcs	176	9.78	141.110	0.000	1	0.000	pg/mL	--
CBA template_1_001_068.fcs	147	8.17	105.490	0.000	1	0.000	pg/mL	--
CBA template_1_002_069.fcs	76	4.22	154.810	3.812	1	3.812	pg/mL	--
CBA template_1_003_070.fcs	83	4.61	83.570	0.000	1	0.000	pg/mL	--
CBA template_1_004_071.fcs	51	2.83	152.070	0.000	1	0.000	pg/mL	--
CBA template_1_005_072.fcs	108	6.00	26.030	0.000	1	0.000	pg/mL	--
CBA template_1_006_073.fcs	133	7.39	64.390	0.000	1	0.000	pg/mL	--
CBA template_1_007_074.fcs	137	7.61	149.330	0.000	1	0.000	pg/mL	--
CBA template_1_008_075.fcs	98	5.44	46.580	0.000	1	0.000	pg/mL	--
CBA template_2_001_076.fcs	182	10.11	127.410	0.000	1	0.000	pg/mL	--
CBA template_2_002_077.fcs	75	4.17	130.150	0.000	1	0.000	pg/mL	--
CBA template_2_003_078.fcs	130	7.22	32.880	0.000	1	0.000	pg/mL	--
CBA template_2_004_079.fcs	93	5.17	32.880	0.000	1	0.000	pg/mL	--
CBA template_2_005_080.fcs	158	8.78	101.380	0.000	1	0.000	pg/mL	--
CBA template_2_006_081.fcs	70	3.89	119.190	0.000	1	0.000	pg/mL	--
CBA template_2_007_082.fcs	97	5.39	147.960	0.000	1	0.000	pg/mL	--

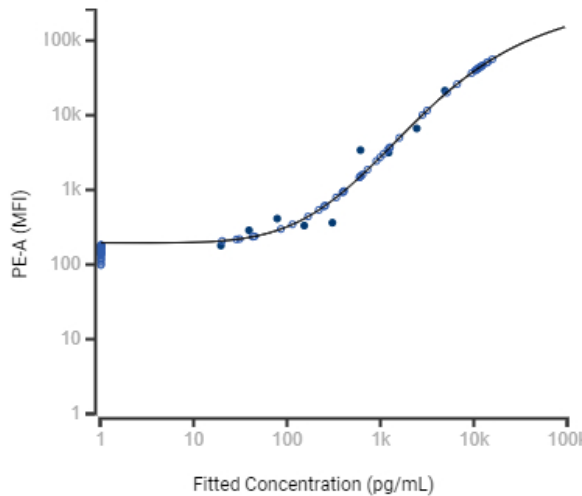
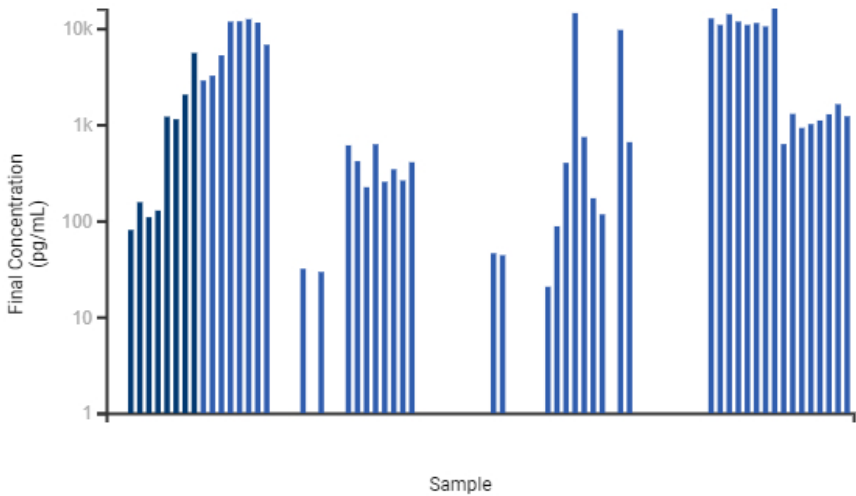
CBA template_2_006_081.fcs	70	3.89	119.190	0.000	1	0.000	pg/mL	--
CBA template_2_007_082.fcs	97	5.39	147.960	0.000	1	0.000	pg/mL	--
CBA template_2_008_083.fcs	84	4.67	101.380	0.000	1	0.000	pg/mL	--

Results Per Analyte

Mouse TNF

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PDF



Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)
Four Parameter Logistic (Hill)	$\log(y) = d + (a - d) / (1 + (\log(x) / c)^b)$	0.94399	2.27949	5.00714	3.41808	5.60980

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	251	13.94	173.990	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	286	15.89	175.360	20	0.000	1	0.000	pg/mL	0.000
CBA template_it_002_004.fcs	221	12.28	280.850	40	80.226	1	80.226	pg/mL	200.564
CBA template_it_003_005.fcs	200	11.11	402.780	80	155.933	1	155.933	pg/mL	194.916
CBA template_it_004_006.fcs	243	13.50	324.690	156	108.863	1	108.863	pg/mL	69.784
CBA template_it_005_007.fcs	268	14.89	354.830	312	127.541	1	127.541	pg/mL	40.879
CBA template_it_006_008.fcs	256	14.22	3330.470	625	1207.658	1	1207.658	pg/mL	193.225
CBA template_it_007_009.fcs	241	13.39	3082.500	1250	1135.955	1	1135.955	pg/mL	90.876
CBA template_it_008_010.fcs	251	13.94	6503.390	2500	2049.842	1	2049.842	pg/mL	81.994
CBA template_it_009_011.fcs	240	13.33	20829.480	5000	5555.912	1	5555.912	pg/mL	111.118
CBA template_1_001_012.fcs	292	16.22	9858.521		2875.023	1	2875.023	pg/mL	--
CBA template_1_002_013.fcs	227	12.61	11294.280		3221.767	1	3221.767	pg/mL	--
CBA template_1_003_014.fcs	228	12.67	19608.811		5249.471	1	5249.471	pg/mL	--
CBA template_1_004_015.fcs	250	13.89	42641.250		11764.910	1	11764.910	pg/mL	--
CBA template_1_005_016.fcs	254	14.11	42911.141		11852.595	1	11852.595	pg/mL	--

CBA template_1_006_017.fcs	228	12.67	44819.551	12481.601	1	12481.601	pg/mL	--
CBA template_1_007_018.fcs	216	12.00	41761.711	11481.298	1	11481.298	pg/mL	--
CBA template_1_008_019.fcs	261	14.50	25482.000	6755.578	1	6755.578	pg/mL	--
CBA template_2_001_020.fcs	283	15.72	178.100	0.000	1	0.000	pg/mL	--
CBA template_2_002_021.fcs	236	13.11	164.400	0.000	1	0.000	pg/mL	--
CBA template_2_003_022.fcs	256	14.22	169.880	0.000	1	0.000	pg/mL	--
CBA template_2_004_023.fcs	255	14.17	215.090	31.664	1	31.664	pg/mL	--
CBA template_2_005_024.fcs	248	13.78	178.100	0.000	1	0.000	pg/mL	--
CBA template_2_006_025.fcs	253	14.06	212.350	29.326	1	29.326	pg/mL	--
CBA template_2_007_026.fcs	258	14.33	150.700	0.000	1	0.000	pg/mL	--
CBA template_2_008_027.fcs	268	14.89	169.880	0.000	1	0.000	pg/mL	--
CBA template_3_001_028.fcs	205	11.39	1435.760	607.856	1	607.856	pg/mL	--
CBA template_3_002_029.fcs	230	12.78	943.930	416.563	1	416.563	pg/mL	--
CBA template_3_003_030.fcs	229	12.72	526.080	223.322	1	223.322	pg/mL	--
CBA template_3_004_031.fcs	226	12.56	1479.600	623.744	1	623.744	pg/mL	--
CBA template_3_005_032.fcs	212	11.78	586.360	254.015	1	254.015	pg/mL	--
CBA template_3_006_033.fcs	239	13.28	774.050	342.794	1	342.794	pg/mL	--
CBA template_3_007_034.fcs	247	13.72	602.800	262.176	1	262.176	pg/mL	--
CBA template_3_008_035.fcs	214	11.89	919.270	406.167	1	406.167	pg/mL	--
CBA template_4_001_036.fcs	326	18.11	158.920	0.000	1	0.000	pg/mL	--
CBA template_4_002_037.fcs	268	14.89	100.010	0.000	1	0.000	pg/mL	--
CBA template_4_003_038.fcs	229	12.72	115.080	0.000	1	0.000	pg/mL	--
CBA template_4_004_039.fcs	222	12.33	132.890	0.000	1	0.000	pg/mL	--
CBA template_4_005_040.fcs	230	12.78	146.590	0.000	1	0.000	pg/mL	--
CBA template_4_006_041.fcs	271	15.06	108.230	0.000	1	0.000	pg/mL	--
CBA template_4_007_042.fcs	286	15.89	126.040	0.000	1	0.000	pg/mL	--
CBA template_4_008_043.fcs	241	13.39	168.510	0.000	1	0.000	pg/mL	--
CBA template_5_001_044.fcs	248	13.78	232.900	45.917	1	45.917	pg/mL	--
CBA template_5_002_045.fcs	236	13.11	230.160	43.805	1	43.805	pg/mL	--
CBA template_5_003_046.fcs	227	12.61	163.030	0.000	1	0.000	pg/mL	--
CBA template_5_004_047.fcs	222	12.33	172.620	0.000	1	0.000	pg/mL	--
CBA template_5_005_048.fcs	240	13.33	175.360	0.000	1	0.000	pg/mL	--
CBA template_5_006_049.fcs	255	14.17	158.920	0.000	1	0.000	pg/mL	--
CBA template_5_007_050.fcs	226	12.56	202.760	20.582	1	20.582	pg/mL	--

CBA template_5_006_049.fcs	255	14.17	158.920	0.000	1	0.000	pg/mL	--
CBA template_5_007_050.fcs	226	12.56	202.760	20.582	1	20.582	pg/mL	--
CBA template_5_008_051.fcs	236	13.11	291.810	87.576	1	87.576	pg/mL	--
CBA template_6_001_052.fcs	267	14.83	904.200	399.765	1	399.765	pg/mL	--
CBA template_6_002_053.fcs	169	9.39	50474.910	14442.761	1	14442.761	pg/mL	--
CBA template_6_003_054.fcs	220	12.22	1816.620	741.313	1	741.313	pg/mL	--
CBA template_6_004_055.fcs	195	10.83	430.180	171.539	1	171.539	pg/mL	--
CBA template_6_005_056.fcs	284	15.78	337.020	116.592	1	116.592	pg/mL	--
CBA template_6_006_057.fcs	256	14.22	95.900	0.000	1	0.000	pg/mL	--
CBA template_6_007_058.fcs	278	15.44	35843.309	9654.173	1	9654.173	pg/mL	--
CBA template_6_008_059.fcs	256	14.22	1572.760	657.015	1	657.015	pg/mL	--
CBA template_7_001_060.fcs	243	13.50	132.890	0.000	1	0.000	pg/mL	--
CBA template_7_002_061.fcs	201	11.17	141.110	0.000	1	0.000	pg/mL	--
CBA template_7_003_062.fcs	206	11.44	143.850	0.000	1	0.000	pg/mL	--
CBA template_7_004_063.fcs	254	14.11	143.850	0.000	1	0.000	pg/mL	--
CBA template_7_005_064.fcs	228	12.67	139.740	0.000	1	0.000	pg/mL	--
CBA template_7_006_065.fcs	249	13.83	134.260	0.000	1	0.000	pg/mL	--
CBA template_7_007_066.fcs	238	13.22	117.820	0.000	1	0.000	pg/mL	--
CBA template_7_008_067.fcs	225	12.50	161.660	0.000	1	0.000	pg/mL	--
CBA template_1_001_068.fcs	215	11.94	45512.770	12714.054	1	12714.054	pg/mL	--
CBA template_1_002_069.fcs	202	11.22	39888.922	10888.111	1	10888.111	pg/mL	--
CBA template_1_003_070.fcs	235	13.06	49362.469	14045.043	1	14045.043	pg/mL	--
CBA template_1_004_071.fcs	275	15.28	42654.949	11769.354	1	11769.354	pg/mL	--
CBA template_1_005_072.fcs	219	12.17	39812.199	10864.115	1	10864.115	pg/mL	--
CBA template_1_006_073.fcs	228	12.67	41439.762	11378.296	1	11378.296	pg/mL	--
CBA template_1_007_074.fcs	243	13.50	38610.711	10491.390	1	10491.390	pg/mL	--
CBA template_1_008_075.fcs	223	12.39	54882.199	16079.574	1	16079.574	pg/mL	--
CBA template_2_001_076.fcs	199	11.06	1487.820	626.706	1	626.706	pg/mL	--
CBA template_2_002_077.fcs	248	13.78	3630.500	1292.729	1	1292.729	pg/mL	--
CBA template_2_003_078.fcs	244	13.56	2378.320	923.600	1	923.600	pg/mL	--
CBA template_2_004_079.fcs	271	15.06	2664.650	1011.721	1	1011.721	pg/mL	--
CBA template_2_005_080.fcs	248	13.78	2967.420	1102.196	1	1102.196	pg/mL	--
CBA template_2_006_081.fcs	266	14.78	3586.660	1280.404	1	1280.404	pg/mL	--
CBA template_2_007_082.fcs	257	14.28	4866.240	1628.442	1	1628.442	pg/mL	--

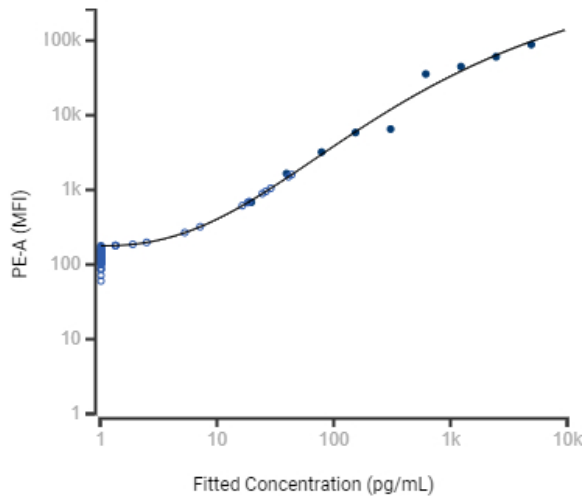
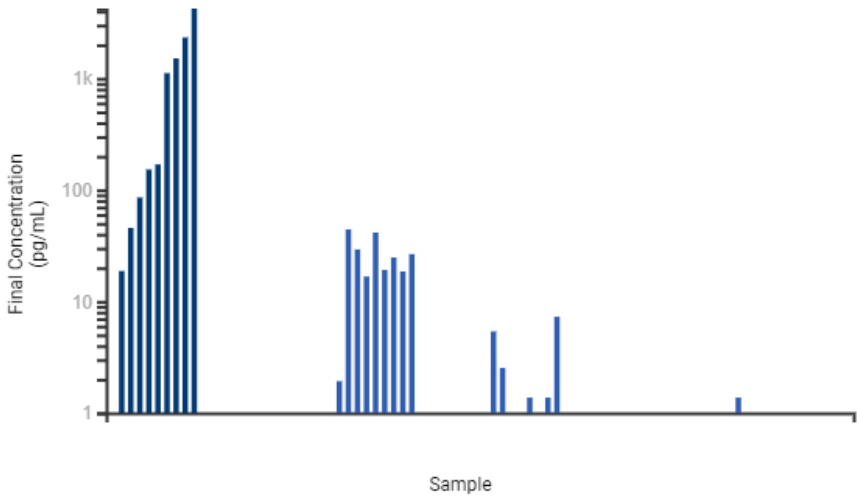
CBA template_2_006_081.fcs	266	14.78	3586.660	1280.404	1	1280.404	pg/mL	--
CBA template_2_007_082.fcs	257	14.28	4866.240	1628.442	1	1628.442	pg/mL	--
CBA template_2_008_083.fcs	203	11.28	3370.200	1219.024	1	1219.024	pg/mL	--

Results Per Analyte

Mouse IFN-γ

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PDF



Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)
Four Parameter Logistic (Hill)	$\log(y) = d + (a - d) / (1 + (\log(x) / c)^b)$	0.98347	2.24022	2.34706	2.72988	6.31951

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	356	19.78	172.620	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	320	17.78	667.190	20	18.781	1	18.781	pg/mL	93.904
CBA template_it_002_004.fcs	241	13.39	1616.600	40	45.744	1	45.744	pg/mL	114.361
CBA template_it_003_005.fcs	161	8.94	3134.560	80	85.727	1	85.727	pg/mL	107.159
CBA template_it_004_006.fcs	294	16.33	5727.970	156	152.848	1	152.848	pg/mL	97.979
CBA template_it_005_007.fcs	293	16.28	6371.870	312	169.680	1	169.680	pg/mL	54.385
CBA template_it_006_008.fcs	299	16.61	34839.102	625	1116.269	1	1116.269	pg/mL	178.603
CBA template_it_007_009.fcs	294	16.33	43823.559	1250	1515.378	1	1515.378	pg/mL	121.230
CBA template_it_008_010.fcs	306	17.00	59260.719	2500	2333.802	1	2333.802	pg/mL	93.352
CBA template_it_009_011.fcs	267	14.83	86296.297	5000	4238.535	1	4238.535	pg/mL	84.771
CBA template_1_001_012.fcs	266	14.78	101.380		0.000	1	0.000	pg/mL	--
CBA template_1_002_013.fcs	245	13.61	138.370		0.000	1	0.000	pg/mL	--
CBA template_1_003_014.fcs	253	14.06	145.220		0.000	1	0.000	pg/mL	--
CBA template_1_004_015.fcs	254	14.11	84.940		0.000	1	0.000	pg/mL	--
CBA template_1_005_016.fcs	289	16.06	104.120		0.000	1	0.000	pg/mL	--

CBA template_1_006_017.fcs	281	15.61	158.920	0.000	1	0.000	pg/mL	--
CBA template_1_007_018.fcs	237	13.17	83.570	0.000	1	0.000	pg/mL	--
CBA template_1_008_019.fcs	273	15.17	168.510	0.000	1	0.000	pg/mL	--
CBA template_2_001_020.fcs	246	13.67	112.340	0.000	1	0.000	pg/mL	--
CBA template_2_002_021.fcs	288	16.00	113.710	0.000	1	0.000	pg/mL	--
CBA template_2_003_022.fcs	289	16.06	134.260	0.000	1	0.000	pg/mL	--
CBA template_2_004_023.fcs	298	16.56	156.180	0.000	1	0.000	pg/mL	--
CBA template_2_005_024.fcs	291	16.17	128.780	0.000	1	0.000	pg/mL	--
CBA template_2_006_025.fcs	271	15.06	128.780	0.000	1	0.000	pg/mL	--
CBA template_2_007_026.fcs	259	14.39	145.220	0.000	1	0.000	pg/mL	--
CBA template_2_008_027.fcs	267	14.83	182.210	1.932	1	1.932	pg/mL	--
CBA template_3_001_028.fcs	277	15.39	1565.910	44.368	1	44.368	pg/mL	--
CBA template_3_002_029.fcs	284	15.78	1024.760	29.316	1	29.316	pg/mL	--
CBA template_3_003_030.fcs	261	14.50	601.430	16.756	1	16.756	pg/mL	--
CBA template_3_004_031.fcs	283	15.72	1463.160	41.564	1	41.564	pg/mL	--
CBA template_3_005_032.fcs	268	14.89	680.890	19.198	1	19.198	pg/mL	--
CBA template_3_006_033.fcs	267	14.83	869.950	24.836	1	24.836	pg/mL	--
CBA template_3_007_034.fcs	237	13.17	661.710	18.613	1	18.613	pg/mL	--
CBA template_3_008_035.fcs	298	16.56	931.600	26.632	1	26.632	pg/mL	--
CBA template_4_001_036.fcs	199	11.06	69.870	0.000	1	0.000	pg/mL	--
CBA template_4_002_037.fcs	281	15.61	131.520	0.000	1	0.000	pg/mL	--
CBA template_4_003_038.fcs	296	16.44	142.480	0.000	1	0.000	pg/mL	--
CBA template_4_004_039.fcs	295	16.39	106.860	0.000	1	0.000	pg/mL	--
CBA template_4_005_040.fcs	294	16.33	131.520	0.000	1	0.000	pg/mL	--
CBA template_4_006_041.fcs	273	15.17	146.590	0.000	1	0.000	pg/mL	--
CBA template_4_007_042.fcs	274	15.22	132.890	0.000	1	0.000	pg/mL	--
CBA template_4_008_043.fcs	288	16.00	126.040	0.000	1	0.000	pg/mL	--
CBA template_5_001_044.fcs	295	16.39	261.670	5.392	1	5.392	pg/mL	--
CBA template_5_002_045.fcs	286	15.89	193.170	2.540	1	2.540	pg/mL	--
CBA template_5_003_046.fcs	308	17.11	152.070	0.000	1	0.000	pg/mL	--
CBA template_5_004_047.fcs	294	16.33	171.250	0.000	1	0.000	pg/mL	--
CBA template_5_005_048.fcs	281	15.61	175.360	1.375	1	1.375	pg/mL	--
CBA template_5_006_049.fcs	287	15.94	152.070	0.000	1	0.000	pg/mL	--
CBA template_5_007_050.fcs	319	17.72	175.360	1.375	1	1.375	pg/mL	--

CBA template_5_006_049.fcs	287	15.94	152.070	0.000	1	0.000	pg/mL	--
CBA template_5_007_050.fcs	319	17.72	175.360	1.375	1	1.375	pg/mL	--
CBA template_5_008_051.fcs	232	12.89	313.730	7.298	1	7.298	pg/mL	--
CBA template_6_001_052.fcs	266	14.78	146.590	0.000	1	0.000	pg/mL	--
CBA template_6_002_053.fcs	198	11.00	58.910	0.000	1	0.000	pg/mL	--
CBA template_6_003_054.fcs	208	11.56	113.710	0.000	1	0.000	pg/mL	--
CBA template_6_004_055.fcs	198	11.00	105.490	0.000	1	0.000	pg/mL	--
CBA template_6_005_056.fcs	309	17.17	128.780	0.000	1	0.000	pg/mL	--
CBA template_6_006_057.fcs	281	15.61	100.010	0.000	1	0.000	pg/mL	--
CBA template_6_007_058.fcs	288	16.00	86.310	0.000	1	0.000	pg/mL	--
CBA template_6_008_059.fcs	276	15.33	141.110	0.000	1	0.000	pg/mL	--
CBA template_7_001_060.fcs	301	16.72	113.710	0.000	1	0.000	pg/mL	--
CBA template_7_002_061.fcs	268	14.89	126.040	0.000	1	0.000	pg/mL	--
CBA template_7_003_062.fcs	313	17.39	120.560	0.000	1	0.000	pg/mL	--
CBA template_7_004_063.fcs	282	15.67	119.190	0.000	1	0.000	pg/mL	--
CBA template_7_005_064.fcs	280	15.56	97.270	0.000	1	0.000	pg/mL	--
CBA template_7_006_065.fcs	282	15.67	142.480	0.000	1	0.000	pg/mL	--
CBA template_7_007_066.fcs	256	14.22	135.630	0.000	1	0.000	pg/mL	--
CBA template_7_008_067.fcs	296	16.44	138.370	0.000	1	0.000	pg/mL	--
CBA template_1_001_068.fcs	236	13.11	124.670	0.000	1	0.000	pg/mL	--
CBA template_1_002_069.fcs	176	9.78	137.000	0.000	1	0.000	pg/mL	--
CBA template_1_003_070.fcs	251	13.94	141.110	0.000	1	0.000	pg/mL	--
CBA template_1_004_071.fcs	216	12.00	175.360	1.375	1	1.375	pg/mL	--
CBA template_1_005_072.fcs	257	14.28	98.640	0.000	1	0.000	pg/mL	--
CBA template_1_006_073.fcs	249	13.83	143.850	0.000	1	0.000	pg/mL	--
CBA template_1_007_074.fcs	291	16.17	121.930	0.000	1	0.000	pg/mL	--
CBA template_1_008_075.fcs	250	13.89	153.440	0.000	1	0.000	pg/mL	--
CBA template_2_001_076.fcs	271	15.06	120.560	0.000	1	0.000	pg/mL	--
CBA template_2_002_077.fcs	280	15.56	113.710	0.000	1	0.000	pg/mL	--
CBA template_2_003_078.fcs	297	16.50	132.890	0.000	1	0.000	pg/mL	--
CBA template_2_004_079.fcs	237	13.17	145.220	0.000	1	0.000	pg/mL	--
CBA template_2_005_080.fcs	282	15.67	98.640	0.000	1	0.000	pg/mL	--
CBA template_2_006_081.fcs	255	14.17	130.150	0.000	1	0.000	pg/mL	--
CBA template_2_007_082.fcs	266	14.78	110.970	0.000	1	0.000	pg/mL	--

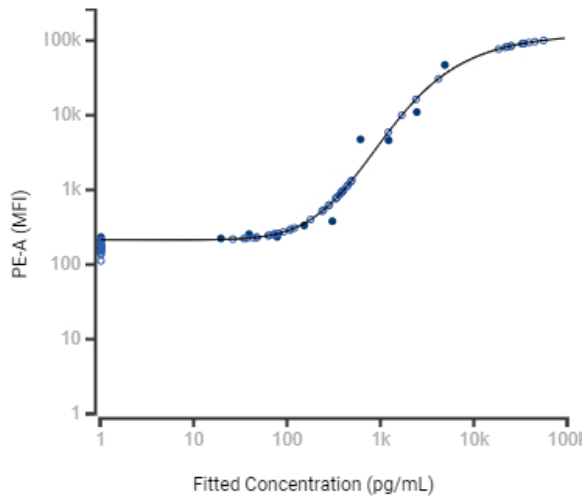
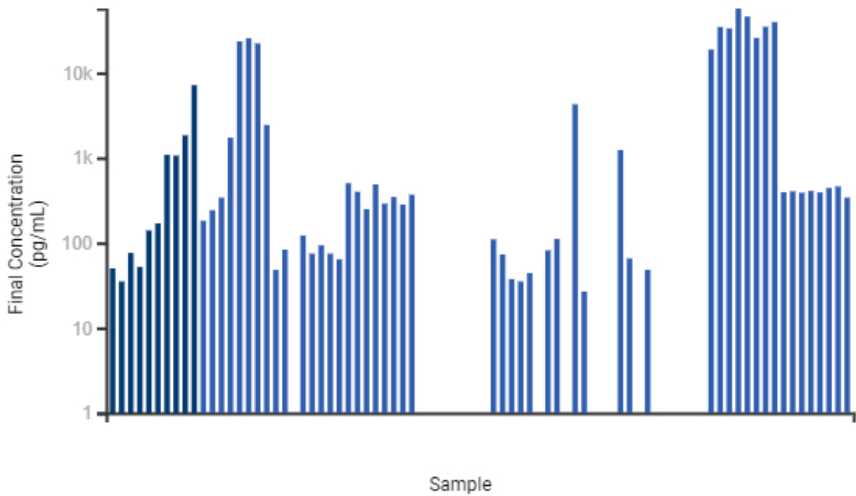
CBA template_2_006_081.fcs	255	14.17	130.150	0.000	1	0.000	pg/mL	--
CBA template_2_007_082.fcs	266	14.78	110.970	0.000	1	0.000	pg/mL	--
CBA template_2_008_083.fcs	176	9.78	150.700	0.000	1	0.000	pg/mL	--

Results Per Analyte

Mouse MCP-1

4 of 6 Analyte

PDF



Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)
Four Parameter Logistic (Hill)	$\log(y) = d + (a - d) / (1 + (\log(x) / c)^b)$	0.95585	2.31930	7.30790	3.06094	5.09827

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	288	16.00	227.420	0	50.298	1	50.298	pg/mL	0.000
CBA template_it_001_003.fcs	268	14.89	217.830	20	35.217	1	35.217	pg/mL	176.083
CBA template_it_002_004.fcs	217	12.06	249.340	40	76.349	1	76.349	pg/mL	190.872
CBA template_it_003_005.fcs	128	7.11	228.790	80	52.178	1	52.178	pg/mL	65.223
CBA template_it_004_006.fcs	261	14.50	326.060	156	140.485	1	140.485	pg/mL	90.054
CBA template_it_005_007.fcs	264	14.67	371.270	312	170.084	1	170.084	pg/mL	54.514
CBA template_it_006_008.fcs	266	14.78	4640.190	625	1085.344	1	1085.344	pg/mL	173.655
CBA template_it_007_009.fcs	256	14.22	4500.450	1250	1065.683	1	1065.683	pg/mL	85.255
CBA template_it_008_010.fcs	261	14.50	10758.610	2500	1844.376	1	1844.376	pg/mL	73.775
CBA template_it_009_011.fcs	267	14.83	46171.738	5000	7176.385	1	7176.385	pg/mL	143.528
CBA template_1_001_012.fcs	287	15.94	391.820		182.378	1	182.378	pg/mL	--
CBA template_1_002_013.fcs	290	16.11	506.900		242.280	1	242.280	pg/mL	--
CBA template_1_003_014.fcs	228	12.67	752.130		341.171	1	341.171	pg/mL	--
CBA template_1_004_015.fcs	308	17.11	9742.070		1725.359	1	1725.359	pg/mL	--
CBA template_1_005_016.fcs	252	14.00	80694.367		23508.609	1	23508.609	pg/mL	--

CBA template_1_006_017.fcs	264	14.67	82727.453	25623.385	1	25623.385	pg/mL	--
CBA template_1_007_018.fcs	127	7.06	79298.344	22198.207	1	22198.207	pg/mL	--
CBA template_1_008_019.fcs	303	16.83	15937.210	2446.095	1	2446.095	pg/mL	--
CBA template_2_001_020.fcs	276	15.33	226.050	48.365	1	48.365	pg/mL	--
CBA template_2_002_021.fcs	291	16.17	256.190	83.317	1	83.317	pg/mL	--
CBA template_2_003_022.fcs	285	15.83	205.500	0.000	1	0.000	pg/mL	--
CBA template_2_004_023.fcs	271	15.06	301.400	122.381	1	122.381	pg/mL	--
CBA template_2_005_024.fcs	249	13.83	247.970	74.905	1	74.905	pg/mL	--
CBA template_2_006_025.fcs	267	14.83	267.150	93.744	1	93.744	pg/mL	--
CBA template_2_007_026.fcs	256	14.22	247.970	74.905	1	74.905	pg/mL	--
CBA template_2_008_027.fcs	274	15.22	238.380	64.226	1	64.226	pg/mL	--
CBA template_3_001_028.fcs	211	11.72	1309.720	504.389	1	504.389	pg/mL	--
CBA template_3_002_029.fcs	237	13.17	934.340	400.966	1	400.966	pg/mL	--
CBA template_3_003_030.fcs	202	11.22	524.710	250.530	1	250.530	pg/mL	--
CBA template_3_004_031.fcs	229	12.72	1248.070	488.738	1	488.738	pg/mL	--
CBA template_3_005_032.fcs	193	10.72	616.500	289.978	1	289.978	pg/mL	--
CBA template_3_006_033.fcs	208	11.56	769.940	347.409	1	347.409	pg/mL	--
CBA template_3_007_034.fcs	227	12.61	600.060	283.248	1	283.248	pg/mL	--
CBA template_3_008_035.fcs	192	10.67	835.700	369.646	1	369.646	pg/mL	--
CBA template_4_001_036.fcs	153	8.50	109.600	0.000	1	0.000	pg/mL	--
CBA template_4_002_037.fcs	261	14.50	171.250	0.000	1	0.000	pg/mL	--
CBA template_4_003_038.fcs	260	14.44	134.260	0.000	1	0.000	pg/mL	--
CBA template_4_004_039.fcs	260	14.44	206.870	0.000	1	0.000	pg/mL	--
CBA template_4_005_040.fcs	240	13.33	176.730	0.000	1	0.000	pg/mL	--
CBA template_4_006_041.fcs	274	15.22	165.770	0.000	1	0.000	pg/mL	--
CBA template_4_007_042.fcs	251	13.94	150.700	0.000	1	0.000	pg/mL	--
CBA template_4_008_043.fcs	213	11.83	202.760	0.000	1	0.000	pg/mL	--
CBA template_5_001_044.fcs	171	9.50	286.330	110.384	1	110.384	pg/mL	--
CBA template_5_002_045.fcs	249	13.83	246.600	73.443	1	73.443	pg/mL	--
CBA template_5_003_046.fcs	209	11.61	219.200	37.655	1	37.655	pg/mL	--
CBA template_5_004_047.fcs	266	14.78	217.830	35.217	1	35.217	pg/mL	--
CBA template_5_005_048.fcs	248	13.78	223.310	44.319	1	44.319	pg/mL	--
CBA template_5_006_049.fcs	197	10.94	208.240	0.000	1	0.000	pg/mL	--
CBA template_5_007_050.fcs	273	15.17	254.820	81.955	1	81.955	pg/mL	--

CBA template_5_006_049.fcs	197	10.94	208.240	0.000	1	0.000	pg/mL	--
CBA template_5_007_050.fcs	273	15.17	254.820	81.955	1	81.955	pg/mL	--
CBA template_5_008_051.fcs	135	7.50	287.700	111.509	1	111.509	pg/mL	--
CBA template_6_001_052.fcs	289	16.06	201.390	0.000	1	0.000	pg/mL	--
CBA template_6_002_053.fcs	138	7.67	30063.279	4271.216	1	4271.216	pg/mL	--
CBA template_6_003_054.fcs	234	13.00	213.720	26.812	1	26.812	pg/mL	--
CBA template_6_004_055.fcs	174	9.67	160.290	0.000	1	0.000	pg/mL	--
CBA template_6_005_056.fcs	246	13.67	158.920	0.000	1	0.000	pg/mL	--
CBA template_6_006_057.fcs	297	16.50	138.370	0.000	1	0.000	pg/mL	--
CBA template_6_007_058.fcs	280	15.56	5782.770	1239.629	1	1239.629	pg/mL	--
CBA template_6_008_059.fcs	289	16.06	239.750	65.821	1	65.821	pg/mL	--
CBA template_7_001_060.fcs	244	13.56	154.810	0.000	1	0.000	pg/mL	--
CBA template_7_002_061.fcs	247	13.72	226.050	48.365	1	48.365	pg/mL	--
CBA template_7_003_062.fcs	298	16.56	184.950	0.000	1	0.000	pg/mL	--
CBA template_7_004_063.fcs	291	16.17	163.030	0.000	1	0.000	pg/mL	--
CBA template_7_005_064.fcs	278	15.44	147.960	0.000	1	0.000	pg/mL	--
CBA template_7_006_065.fcs	245	13.61	178.100	0.000	1	0.000	pg/mL	--
CBA template_7_007_066.fcs	249	13.83	171.250	0.000	1	0.000	pg/mL	--
CBA template_7_008_067.fcs	273	15.17	173.990	0.000	1	0.000	pg/mL	--
CBA template_1_001_068.fcs	215	11.94	75118.469	18837.856	1	18837.856	pg/mL	--
CBA template_1_002_069.fcs	260	14.44	89282.898	34706.064	1	34706.064	pg/mL	--
CBA template_1_003_070.fcs	301	16.72	88496.523	33385.094	1	33385.094	pg/mL	--
CBA template_1_004_071.fcs	192	10.67	98101.594	57120.986	1	57120.986	pg/mL	--
CBA template_1_005_072.fcs	265	14.72	94527.258	45935.589	1	45935.589	pg/mL	--
CBA template_1_006_073.fcs	268	14.89	82897.328	25812.339	1	25812.339	pg/mL	--
CBA template_1_007_074.fcs	268	14.89	89441.820	34982.498	1	34982.498	pg/mL	--
CBA template_1_008_075.fcs	263	14.61	91850.281	39611.363	1	39611.363	pg/mL	--
CBA template_2_001_076.fcs	215	11.94	917.900	395.897	1	395.897	pg/mL	--
CBA template_2_002_077.fcs	298	16.56	948.040	405.147	1	405.147	pg/mL	--
CBA template_2_003_078.fcs	255	14.17	897.350	389.481	1	389.481	pg/mL	--
CBA template_2_004_079.fcs	285	15.83	961.740	409.290	1	409.290	pg/mL	--
CBA template_2_005_080.fcs	270	15.00	909.680	393.342	1	393.342	pg/mL	--
CBA template_2_006_081.fcs	282	15.67	1080.930	443.889	1	443.889	pg/mL	--
CBA template_2_007_082.fcs	271	15.06	1145.320	461.622	1	461.622	pg/mL	--

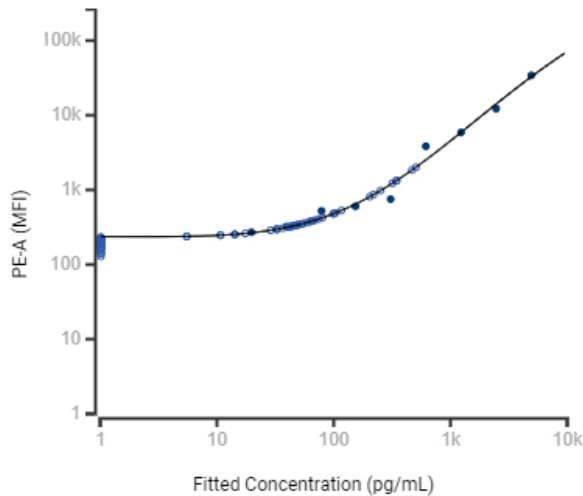
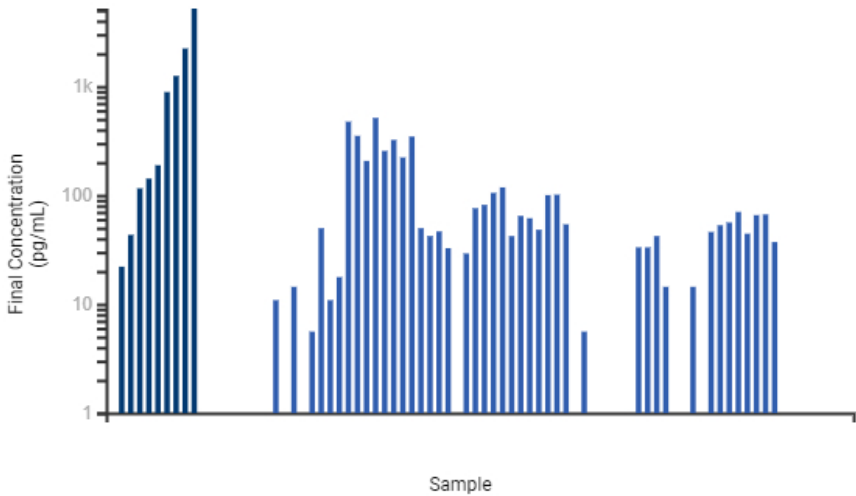
CBA template_2_006_081.fcs	282	15.67	1080.930	443.889	1	443.889	pg/mL	--
CBA template_2_007_082.fcs	271	15.06	1145.320	461.622	1	461.622	pg/mL	--
CBA template_2_008_083.fcs	203	11.28	753.500	341.655	1	341.655	pg/mL	--

Results Per Analyte

Mouse IL-10

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Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)
Four Parameter Logistic (Hill)	$\log(y) = d + (a - d) / (1 + (\log(x) / c)^b)$	0.98352	2.36214	4.25670	3.60555	6.42498

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	283	15.72	213.720	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	285	15.83	264.410	20	22.120	1	22.120	pg/mL	110.602
CBA template_it_002_004.fcs	366	20.33	315.100	40	43.371	1	43.371	pg/mL	108.429
CBA template_it_003_005.fcs	418	23.22	511.010	80	116.037	1	116.037	pg/mL	145.046
CBA template_it_004_006.fcs	279	15.50	589.100	156	142.630	1	142.630	pg/mL	91.430
CBA template_it_005_007.fcs	285	15.83	732.950	312	189.097	1	189.097	pg/mL	60.608
CBA template_it_006_008.fcs	284	15.78	3751.060	625	889.630	1	889.630	pg/mL	142.341
CBA template_it_007_009.fcs	314	17.44	5736.190	1250	1251.162	1	1251.162	pg/mL	100.093
CBA template_it_008_010.fcs	283	15.72	11964.210	2500	2237.062	1	2237.062	pg/mL	89.482
CBA template_it_009_011.fcs	304	16.89	33428.000	5000	5202.728	1	5202.728	pg/mL	104.055
CBA template_1_001_012.fcs	206	11.44	153.440		0.000	1	0.000	pg/mL	--
CBA template_1_002_013.fcs	212	11.78	178.100		0.000	1	0.000	pg/mL	--
CBA template_1_003_014.fcs	248	13.78	178.100		0.000	1	0.000	pg/mL	--
CBA template_1_004_015.fcs	213	11.83	187.690		0.000	1	0.000	pg/mL	--
CBA template_1_005_016.fcs	221	12.28	157.550		0.000	1	0.000	pg/mL	--

CBA template_1_006_017.fcs	271	15.06	191.800	0.000	1	0.000	pg/mL	--
CBA template_1_007_018.fcs	319	17.72	221.940	0.000	1	0.000	pg/mL	--
CBA template_1_008_019.fcs	258	14.33	227.420	0.000	1	0.000	pg/mL	--
CBA template_2_001_020.fcs	259	14.39	241.120	10.890	1	10.890	pg/mL	--
CBA template_2_002_021.fcs	306	17.00	212.350	0.000	1	0.000	pg/mL	--
CBA template_2_003_022.fcs	272	15.11	247.970	14.449	1	14.449	pg/mL	--
CBA template_2_004_023.fcs	302	16.78	224.680	0.000	1	0.000	pg/mL	--
CBA template_2_005_024.fcs	291	16.17	232.900	5.602	1	5.602	pg/mL	--
CBA template_2_006_025.fcs	293	16.28	331.540	49.917	1	49.917	pg/mL	--
CBA template_2_007_026.fcs	277	15.39	241.120	10.890	1	10.890	pg/mL	--
CBA template_2_008_027.fcs	329	18.28	254.820	17.745	1	17.745	pg/mL	--
CBA template_3_001_028.fcs	310	17.22	1800.180	475.989	1	475.989	pg/mL	--
CBA template_3_002_029.fcs	263	14.61	1305.610	352.349	1	352.349	pg/mL	--
CBA template_3_003_030.fcs	300	16.67	791.860	207.331	1	207.331	pg/mL	--
CBA template_3_004_031.fcs	293	16.28	1963.210	514.394	1	514.394	pg/mL	--
CBA template_3_005_032.fcs	258	14.33	956.260	256.198	1	256.198	pg/mL	--
CBA template_3_006_033.fcs	287	15.94	1197.380	323.506	1	323.506	pg/mL	--
CBA template_3_007_034.fcs	274	15.22	843.920	223.109	1	223.109	pg/mL	--
CBA template_3_008_035.fcs	295	16.39	1286.430	347.292	1	347.292	pg/mL	--
CBA template_4_001_036.fcs	430	23.89	331.540	49.917	1	49.917	pg/mL	--
CBA template_4_002_037.fcs	227	12.61	312.360	42.268	1	42.268	pg/mL	--
CBA template_4_003_038.fcs	242	13.44	323.320	46.659	1	46.659	pg/mL	--
CBA template_4_004_039.fcs	240	13.33	289.070	32.722	1	32.722	pg/mL	--
CBA template_4_005_040.fcs	259	14.39	219.200	0.000	1	0.000	pg/mL	--
CBA template_4_006_041.fcs	247	13.72	280.850	29.261	1	29.261	pg/mL	--
CBA template_4_007_042.fcs	249	13.83	400.040	76.144	1	76.144	pg/mL	--
CBA template_4_008_043.fcs	240	13.33	415.110	81.729	1	81.729	pg/mL	--
CBA template_5_001_044.fcs	269	14.94	480.870	105.468	1	105.468	pg/mL	--
CBA template_5_002_045.fcs	219	12.17	517.860	118.414	1	118.414	pg/mL	--
CBA template_5_003_046.fcs	268	14.89	312.360	42.268	1	42.268	pg/mL	--
CBA template_5_004_047.fcs	230	12.78	369.900	64.786	1	64.786	pg/mL	--
CBA template_5_005_048.fcs	239	13.28	361.680	61.641	1	61.641	pg/mL	--
CBA template_5_006_049.fcs	250	13.89	327.430	48.291	1	48.291	pg/mL	--
CBA template_5_007_050.fcs	181	10.06	467.170	100.602	1	100.602	pg/mL	--

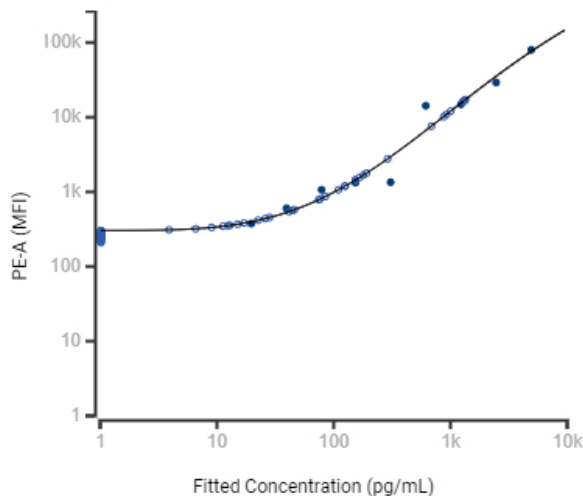
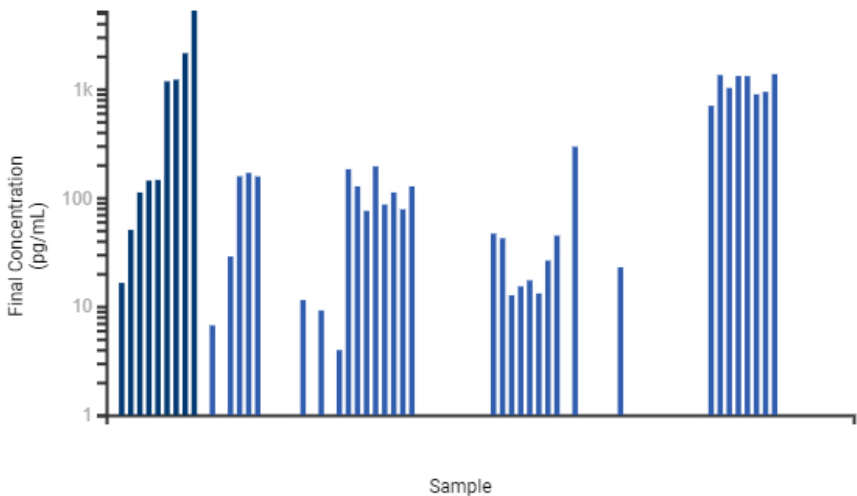
CBA template_5_006_049.fcs	250	13.89	327.430	48.291	1	48.291	pg/mL	--
CBA template_5_007_050.fcs	181	10.06	467.170	100.602	1	100.602	pg/mL	--
CBA template_5_008_051.fcs	303	16.83	469.910	101.578	1	101.578	pg/mL	--
CBA template_6_001_052.fcs	243	13.50	342.500	54.218	1	54.218	pg/mL	--
CBA template_6_002_053.fcs	276	15.33	180.840	0.000	1	0.000	pg/mL	--
CBA template_6_003_054.fcs	313	17.39	232.900	5.602	1	5.602	pg/mL	--
CBA template_6_004_055.fcs	387	21.50	165.770	0.000	1	0.000	pg/mL	--
CBA template_6_005_056.fcs	230	12.78	165.770	0.000	1	0.000	pg/mL	--
CBA template_6_006_057.fcs	198	11.00	137.000	0.000	1	0.000	pg/mL	--
CBA template_6_007_058.fcs	178	9.89	137.000	0.000	1	0.000	pg/mL	--
CBA template_6_008_059.fcs	247	13.72	200.020	0.000	1	0.000	pg/mL	--
CBA template_7_001_060.fcs	247	13.72	290.440	33.293	1	33.293	pg/mL	--
CBA template_7_002_061.fcs	271	15.06	290.440	33.293	1	33.293	pg/mL	--
CBA template_7_003_062.fcs	207	11.50	312.360	42.268	1	42.268	pg/mL	--
CBA template_7_004_063.fcs	218	12.11	247.970	14.449	1	14.449	pg/mL	--
CBA template_7_005_064.fcs	255	14.17	200.020	0.000	1	0.000	pg/mL	--
CBA template_7_006_065.fcs	277	15.39	221.940	0.000	1	0.000	pg/mL	--
CBA template_7_007_066.fcs	284	15.78	247.970	14.449	1	14.449	pg/mL	--
CBA template_7_008_067.fcs	248	13.78	219.200	0.000	1	0.000	pg/mL	--
CBA template_1_001_068.fcs	250	13.89	321.950	46.113	1	46.113	pg/mL	--
CBA template_1_002_069.fcs	310	17.22	339.760	53.147	1	53.147	pg/mL	--
CBA template_1_003_070.fcs	268	14.89	347.980	56.352	1	56.352	pg/mL	--
CBA template_1_004_071.fcs	225	12.50	384.970	70.497	1	70.497	pg/mL	--
CBA template_1_005_072.fcs	287	15.94	317.840	44.471	1	44.471	pg/mL	--
CBA template_1_006_073.fcs	272	15.11	372.640	65.829	1	65.829	pg/mL	--
CBA template_1_007_074.fcs	244	13.56	375.380	66.870	1	66.870	pg/mL	--
CBA template_1_008_075.fcs	266	14.78	300.030	37.256	1	37.256	pg/mL	--
CBA template_2_001_076.fcs	250	13.89	161.660	0.000	1	0.000	pg/mL	--
CBA template_2_002_077.fcs	260	14.44	164.400	0.000	1	0.000	pg/mL	--
CBA template_2_003_078.fcs	226	12.56	126.040	0.000	1	0.000	pg/mL	--
CBA template_2_004_079.fcs	240	13.33	191.800	0.000	1	0.000	pg/mL	--
CBA template_2_005_080.fcs	226	12.56	187.690	0.000	1	0.000	pg/mL	--
CBA template_2_006_081.fcs	241	13.39	141.110	0.000	1	0.000	pg/mL	--
CBA template_2_007_082.fcs	285	15.83	157.550	0.000	1	0.000	pg/mL	--

CBA template_2_006_081.fcs	241	13.39	141.110	0.000	1	0.000	pg/mL	--
CBA template_2_007_082.fcs	285	15.83	157.550	0.000	1	0.000	pg/mL	--
CBA template_2_008_083.fcs	301	16.72	204.130	0.000	1	0.000	pg/mL	--

Results Per Analyte



Mouse IL-6
6 of 6 Analyte



Regression	Equation	R2	Imin (a)	Hill Slope (b)	IC50 (c)	Imax (d)
Four Parameter Logistic (Hill)	$\log(y) = d + (a - d) / (1 + (\log(x) / c)^b)$	0.96257	2.47416	3.64724	3.48497	6.80067

Sample Name	Events	% of Parent	MFI	Nominal CC	Fitted CC	Dilution	Final CC	Unit	Recovery %
CBA template_it_000_002.fcs	308	17.11	280.850	0	0.000	1	0.000	pg/mL	100.000
CBA template_it_001_003.fcs	311	17.28	367.160	20	16.397	1	16.397	pg/mL	81.984
CBA template_it_002_004.fcs	340	18.89	589.100	40	50.492	1	50.492	pg/mL	126.230
CBA template_it_003_005.fcs	274	15.22	1041.200	80	111.447	1	111.447	pg/mL	139.308
CBA template_it_004_006.fcs	316	17.56	1300.130	156	143.244	1	143.244	pg/mL	91.823
CBA template_it_005_007.fcs	325	18.06	1317.940	312	145.368	1	145.368	pg/mL	46.592
CBA template_it_006_008.fcs	322	17.89	13935.640	625	1170.754	1	1170.754	pg/mL	187.321
CBA template_it_007_009.fcs	300	16.67	14552.140	1250	1213.103	1	1213.103	pg/mL	97.048
CBA template_it_008_010.fcs	294	16.33	28541.211	2500	2125.808	1	2125.808	pg/mL	85.032
CBA template_it_009_011.fcs	305	16.94	78221.523	5000	5244.036	1	5244.036	pg/mL	104.881
CBA template_1_001_012.fcs	355	19.72	237.010		0.000	1	0.000	pg/mL	--
CBA template_1_002_013.fcs	420	23.33	313.730		6.671	1	6.671	pg/mL	--
CBA template_1_003_014.fcs	383	21.28	295.920		0.000	1	0.000	pg/mL	--
CBA template_1_004_015.fcs	397	22.06	443.880		28.718	1	28.718	pg/mL	--
CBA template_1_005_016.fcs	355	19.72	1415.210		156.840	1	156.840	pg/mL	--

CBA template_1_006_017.fcs	355	19.72	1517.960	168.738	1	168.738	pg/mL	--
CBA template_1_007_018.fcs	271	15.06	1411.100	156.359	1	156.359	pg/mL	--
CBA template_1_008_019.fcs	327	18.17	295.920	0.000	1	0.000	pg/mL	--
CBA template_2_001_020.fcs	310	17.22	272.630	0.000	1	0.000	pg/mL	--
CBA template_2_002_021.fcs	302	16.78	272.630	0.000	1	0.000	pg/mL	--
CBA template_2_003_022.fcs	288	16.00	276.740	0.000	1	0.000	pg/mL	--
CBA template_2_004_023.fcs	264	14.67	338.390	11.429	1	11.429	pg/mL	--
CBA template_2_005_024.fcs	308	17.11	274.000	0.000	1	0.000	pg/mL	--
CBA template_2_006_025.fcs	292	16.22	326.060	9.153	1	9.153	pg/mL	--
CBA template_2_007_026.fcs	291	16.17	278.110	0.000	1	0.000	pg/mL	--
CBA template_2_008_027.fcs	270	15.00	302.770	3.957	1	3.957	pg/mL	--
CBA template_3_001_028.fcs	333	18.50	1639.890	182.588	1	182.588	pg/mL	--
CBA template_3_002_029.fcs	322	17.89	1165.870	126.982	1	126.982	pg/mL	--
CBA template_3_003_030.fcs	312	17.33	767.200	75.520	1	75.520	pg/mL	--
CBA template_3_004_031.fcs	307	17.06	1739.900	193.748	1	193.748	pg/mL	--
CBA template_3_005_032.fcs	348	19.33	846.660	86.224	1	86.224	pg/mL	--
CBA template_3_006_033.fcs	331	18.39	1041.200	111.447	1	111.447	pg/mL	--
CBA template_3_007_034.fcs	307	17.06	785.010	77.941	1	77.941	pg/mL	--
CBA template_3_008_035.fcs	324	18.00	1165.870	126.982	1	126.982	pg/mL	--
CBA template_4_001_036.fcs	260	14.44	258.930	0.000	1	0.000	pg/mL	--
CBA template_4_002_037.fcs	322	17.89	246.600	0.000	1	0.000	pg/mL	--
CBA template_4_003_038.fcs	344	19.11	253.450	0.000	1	0.000	pg/mL	--
CBA template_4_004_039.fcs	323	17.94	269.890	0.000	1	0.000	pg/mL	--
CBA template_4_005_040.fcs	310	17.22	253.450	0.000	1	0.000	pg/mL	--
CBA template_4_006_041.fcs	296	16.44	231.530	0.000	1	0.000	pg/mL	--
CBA template_4_007_042.fcs	318	17.67	247.970	0.000	1	0.000	pg/mL	--
CBA template_4_008_043.fcs	312	17.33	274.000	0.000	1	0.000	pg/mL	--
CBA template_5_001_044.fcs	275	15.28	563.070	46.694	1	46.694	pg/mL	--
CBA template_5_002_045.fcs	259	14.39	532.930	42.244	1	42.244	pg/mL	--
CBA template_5_003_046.fcs	314	17.44	345.240	12.645	1	12.645	pg/mL	--
CBA template_5_004_047.fcs	301	16.72	360.310	15.243	1	15.243	pg/mL	--
CBA template_5_005_048.fcs	294	16.33	372.640	17.311	1	17.311	pg/mL	--
CBA template_5_006_049.fcs	315	17.50	347.980	13.125	1	13.125	pg/mL	--
CBA template_5_007_050.fcs	284	15.78	428.810	26.360	1	26.360	pg/mL	--

CBA template_5_006_049.fcs	315	17.50	347.980	13.125	1	13.125	pg/mL	--
CBA template_5_007_050.fcs	284	15.78	428.810	26.360	1	26.360	pg/mL	--
CBA template_5_008_051.fcs	295	16.39	549.370	44.678	1	44.678	pg/mL	--
CBA template_6_001_052.fcs	323	17.94	221.940	0.000	1	0.000	pg/mL	--
CBA template_6_002_053.fcs	382	21.22	2701.640	293.942	1	293.942	pg/mL	--
CBA template_6_003_054.fcs	342	19.00	283.590	0.000	1	0.000	pg/mL	--
CBA template_6_004_055.fcs	251	13.94	283.590	0.000	1	0.000	pg/mL	--
CBA template_6_005_056.fcs	313	17.39	235.640	0.000	1	0.000	pg/mL	--
CBA template_6_006_057.fcs	350	19.44	204.130	0.000	1	0.000	pg/mL	--
CBA template_6_007_058.fcs	363	20.17	406.890	22.885	1	22.885	pg/mL	--
CBA template_6_008_059.fcs	321	17.83	290.440	0.000	1	0.000	pg/mL	--
CBA template_7_001_060.fcs	337	18.72	268.520	0.000	1	0.000	pg/mL	--
CBA template_7_002_061.fcs	319	17.72	279.480	0.000	1	0.000	pg/mL	--
CBA template_7_003_062.fcs	317	17.61	241.120	0.000	1	0.000	pg/mL	--
CBA template_7_004_063.fcs	300	16.67	261.670	0.000	1	0.000	pg/mL	--
CBA template_7_005_064.fcs	298	16.56	250.710	0.000	1	0.000	pg/mL	--
CBA template_7_006_065.fcs	324	18.00	226.050	0.000	1	0.000	pg/mL	--
CBA template_7_007_066.fcs	302	16.78	271.260	0.000	1	0.000	pg/mL	--
CBA template_7_008_067.fcs	322	17.89	274.000	0.000	1	0.000	pg/mL	--
CBA template_1_001_068.fcs	349	19.39	7425.400	698.627	1	698.627	pg/mL	--
CBA template_1_002_069.fcs	301	16.72	16430.410	1340.493	1	1340.493	pg/mL	--
CBA template_1_003_070.fcs	310	17.22	11769.670	1019.408	1	1019.408	pg/mL	--
CBA template_1_004_071.fcs	254	14.11	16030.370	1313.550	1	1313.550	pg/mL	--
CBA template_1_005_072.fcs	333	18.50	15949.540	1308.095	1	1308.095	pg/mL	--
CBA template_1_006_073.fcs	318	17.67	9970.860	889.967	1	889.967	pg/mL	--
CBA template_1_007_074.fcs	302	16.78	10640.790	938.639	1	938.639	pg/mL	--
CBA template_1_008_075.fcs	352	19.56	16808.529	1365.873	1	1365.873	pg/mL	--
CBA template_2_001_076.fcs	312	17.33	212.350	0.000	1	0.000	pg/mL	--
CBA template_2_002_077.fcs	283	15.72	237.010	0.000	1	0.000	pg/mL	--
CBA template_2_003_078.fcs	340	18.89	235.640	0.000	1	0.000	pg/mL	--
CBA template_2_004_079.fcs	329	18.28	249.340	0.000	1	0.000	pg/mL	--
CBA template_2_005_080.fcs	320	17.78	212.350	0.000	1	0.000	pg/mL	--
CBA template_2_006_081.fcs	337	18.72	227.420	0.000	1	0.000	pg/mL	--
CBA template_2_007_082.fcs	326	18.11	235.640	0.000	1	0.000	pg/mL	--

CBA template_2_006_081.fcs	337	18.72	227.420	0.000	1	0.000	pg/mL	--
CBA template_2_007_082.fcs	326	18.11	235.640	0.000	1	0.000	pg/mL	--
CBA template_2_008_083.fcs	297	16.50	267.150	0.000	1	0.000	pg/mL	--