



Aviva Systems Biology Corporation
7700 Ronson Rd, Suite 100
San Diego, CA 92111
Tel: 858-552-6979 Fax: 858 -552-6975
Email: info@avivasysbio.com
Web: www.avivasysbio.com

CERTIFICATE OF ANALYSIS

Product: Mouse Cxcl10 ELISA Kit

Catalog No: OKEH04522

Lot No: KE0519

Expiration Date: 2020.10

Performance Characteristics:

Intra-Assay CV	< 6.8%	Passed
Inter-Assay CV	< 9.4%	Passed
Limit of Detection (LOD)		< 31.29 pg/mL
Assay Range		62.5 – 4000 pg/mL

Standard Dilution:

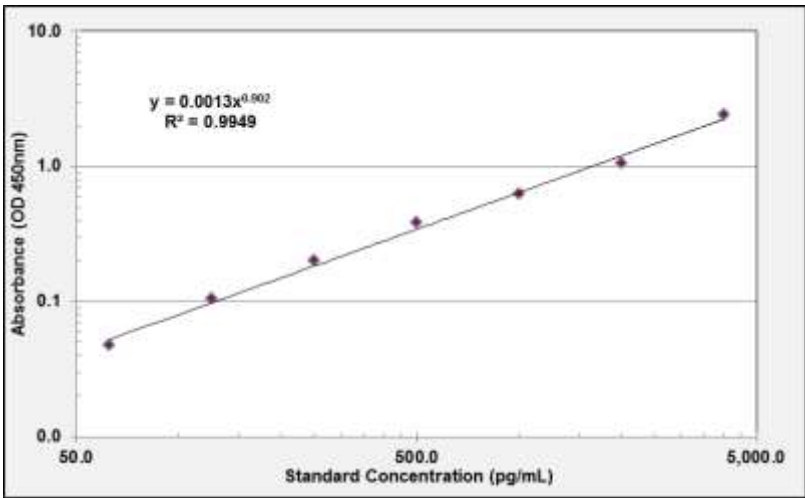
Prepare the standards immediately before use. For each experiment, add 2 mL of Sample Diluent to the 16,000 pg Lyophilized Cxcl10 Standard. Mix gently until dissolved. Leave the vial at ambient temperature for 15 minutes.

Prepare a 4,000 pg/mL Standard by adding 500 µL of 8,000 pg/mL Standard to 500 µL of Sample Diluent in Tube #1. Mix gently and thoroughly.

Standard Number (Tube)	Standard to Dilute	Volume Standard to Dilute (µL)	Volume Sample Diluent (µL)	Total Volume (µL)	Final Concentration (pg/mL)
Standard	16,000 pg/mL Cxcl10 Standard	NA	2,000	2,000	8,000 pg/mL
1	8,000 pg/mL	500	500	1,000	4,000 pg/mL
2	4,000 pg/mL	300	300	600	2,000 pg/mL
3	2,000 pg/mL	300	300	600	1,000 pg/mL
4	1,000 pg/mL	300	300	600	500 pg/mL
5	500 pg/mL	300	300	600	250 pg/mL
6	250 pg/mL	300	300	600	125 pg/mL
7	125 pg/mL	300	300	600	62.5 pg/mL
8	N/A	0	300	300	0.0 (Blank)

Sample Standard Curve and Calculations ONLY. Do not use below report for result calculations. A standard curve should be generated each time the test is performed

Standard Curve Graph



Standard pg/mL	Absorbance (OD 450nm)
4,000	2.367
2,000	1.039
1,000	0.622
500	0.379
250	0.198
125	0.104
62.5	0.047