



CERTIFICATE OF ANALYSIS

Product: Human CD46 ELISA Kit

Catalog No: OKEH00920

Lot No: KG0422

Expiration Date: 2022.12

Performance Characteristics:

Intra-Assay CV	< 4.4%	Passed
Inter-Assay CV	< 6.7%	Passed
Limit of Detection (LOD)		< 10 pg/mL
Assay Range		31.2 – 2,000 pg/mL

Standard Dilution:

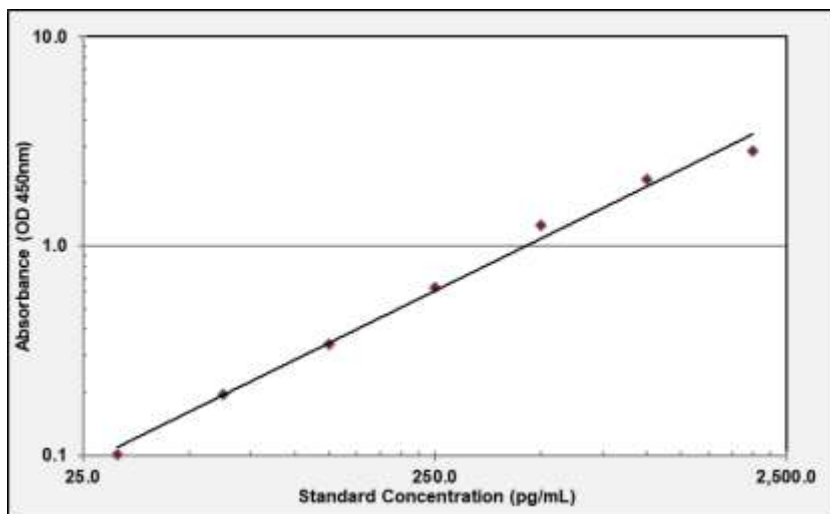
Prepare the standards immediately before use. For each experiment, add 2 mL of Sample Diluent to the 8,000 pg Lyophilized CD46 Standard. Mix gently until dissolved. Leave the vial at ambient temperature for 15 minutes.

Prepare a 2,000 pg/mL Standard by adding 500 µL of 4,000 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	8,000 pg CD46 Standard	NA	2,000	2,000	4,000 pg/mL
1	4,000 pg/mL	500	500	1,000	2,000 pg/mL
2	2,000 pg/mL	300	300	600	1,000 pg/mL
3	1,000 pg/mL	300	300	600	500 pg/mL
4	500 pg/mL	300	300	600	250 pg/mL
5	250 pg/mL	300	300	600	125 pg/mL
6	125 pg/mL	300	300	600	62.5 pg/mL
7	62.5 pg/mL	300	300	600	31.2 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)
2,000	2.853
1,000	2.085
500	1.257
250	0.636
125	0.338
62.5	0.195
31.3	0.101