



CERTIFICATE OF ANALYSIS

Product: Mouse SFRP1 ELISA Kit

Catalog No: OKEH03303

Lot No: KH0756

Expiration Date: 2024.05

Performance Characteristics:

Intra-Assay CV	< 6.5%	Passed
Inter-Assay CV	< 8.8%	Passed
Limit of Detection (LOD)		< 0.082 ng/mL
Assay Range		0.156 – 10 ng/mL

Standard Dilution:

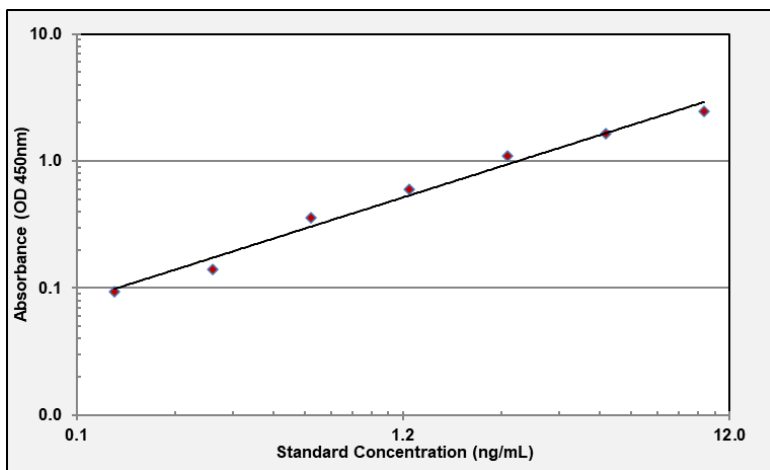
Prepare the standards immediately before use. For each experiment, add 2 mL of Sample Diluent to the 80 ng Lyophilized SFRP1 Standard. Mix gently until dissolved. Leave the vial at ambient temperature for 15 minutes.

Prepare a 10 ng/mL Standard by adding 250 µL of 40 ng/mL Standard to 750 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 (ng/mL)
Standard	80 ng SFRP1 Standard	NA	2,000	2,000	40 ng/mL
1	40 ng/mL	250	750	1,000	10 ng/mL
2	10 ng/mL	300	300	600	5.0 ng/mL
3	5.0 ng/mL	300	300	600	2.5 ng/mL
4	2.5 ng/mL	300	300	600	1.25 ng/mL
5	1.25 ng/mL	300	300	600	0.625 ng/mL
6	0.625 ng/mL	300	300	600	0.312 ng/mL
7	0.312 ng/mL	300	300	600	0.156 ng/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 ng/mL	Absorbance (OD 450nm)
10	2.447
5.0	1.635
2.5	1.102
1.25	0.603
0.625	0.357
0.313	0.141
0.156	0.094