



## CERTIFICATE OF ANALYSIS

**Product:** Mouse ACP5 ELISA Kit

**Catalog No:** OKEH03244

**Lot No:** KF0186

**Expiration Date:** 2021.09

### Performance Characteristics:

Intra-Assay CV	< 7.1%	Passed
Inter-Assay CV	< 10.9%	Passed
Limit of Detection (LOD)		< 0.156 U/L
Assay Range		0.312 – 20 U/L

### Standard Dilution:

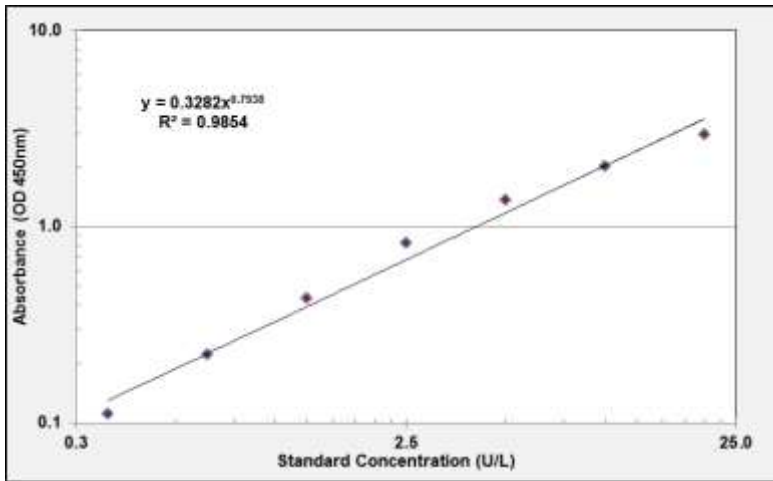
Prepare the standards immediately before use. For each experiment, add 2 mL of Sample Diluent to the 80 U Lyophilized ACP5 Standard. Mix gently until dissolved. Leave the vial at ambient temperature for 15 minutes.

Prepare a 20 U/L Standard by adding 500 µL of 40 U/L 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 (U/L)
Standard	80 U/L ACP5 Standard	NA	2,000	2,000	40 U/L
1	40 U/L	500	500	1,000	20 U/L
2	20 U/L	300	300	600	10 U/L
3	10 U/L	300	300	600	5.0 U/L
4	5.0 U/L	300	300	600	2.5 U/L
5	2.5 U/L	300	300	600	1.25 U/L
6	1.25 U/L	300	300	600	0.625 U/L
7	0.625 U/L	300	300	600	0.312 U/L
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 U/L	Absorbance (OD 450nm)
20	2.917
10	2.010
5.0	1.352
2.5	0.814
1.25	0.425
0.625	0.221
0.313	0.110