



CERTIFICATE OF ANALYSIS

Product: Mouse APOE ELISA Kit

Catalog No: OKEH04368

Lot No: KF0593

Expiration Date: 2021.11

Performance Characteristics:

Intra-Assay CV	< 4.6%	Passed
Inter-Assay CV	< 8.4%	Passed
Limit of Detection (LOD)		< 3.96 ng/mL
Assay Range		7.8 – 500 ng/mL

Standard Dilution:

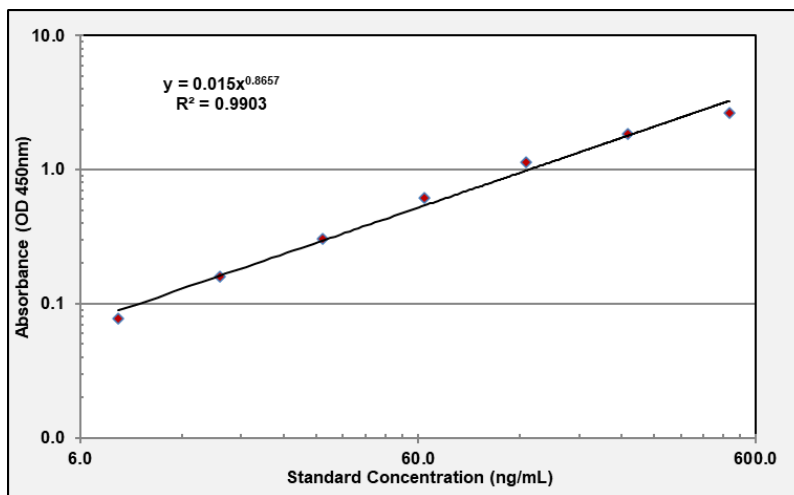
Prepare the standards immediately before use. For each experiment, add 2 mL of Sample Diluent to the 2,000 ng Lyophilized APOE Standard. Mix gently until dissolved. Leave the vial at ambient temperature for 15 minutes.

Prepare a 500 ng/mL Standard by adding 500 µL of 1,000 ng/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 (ng/mL)
Standard	2,000 ng/mL APOE Standard	NA	2,000	2,000	1,000 ng/mL
1	1,000 ng/mL	500	500	1,000	500 ng/mL
2	500 ng/mL	300	300	600	250 ng/mL
3	250 ng/mL	300	300	600	125 ng/mL
4	125 ng/mL	300	300	600	62.5 ng/mL
5	62.5 ng/mL	300	300	600	31.2 ng/mL
6	31.2 ng/mL	300	300	600	15.6 ng/mL
7	15.6 ng/mL	300	300	600	7.8 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)
500	2.673
250	1.840
125	1.142
62.5	0.616
31.3	0.305
15.6	0.160
7.8	0.078