



## CERTIFICATE OF ANALYSIS

**Product:** Mouse Prealbumin ELISA Kit

**Catalog No:** OKIA00111

**Lot No:** KH0779

**Expiration Date:** April, 2025

Kit Components	Lot Number	Contents
Plate	MO092623	1 plate of 96 wells with 12 strips
Calibrator	2008003-100-L105C	1 vial
HRP Conjugate	MO092923	1 vial
5X Diluent Buffer	---	50 mL
20X Wash Buffer	---	50 mL
Stop Solution	---	12 mL
Chromagen Substrate Solution	---	12 mL

### Performance Characteristics:

Intra-Assay CV	< 10%	Passed
Inter-Assay CV	< 10%	Passed
Control Serum Recovery	> 85%	Passed

### Calibrator Dilution:

Add 1.0 ml of distilled or de-ionized water to the calibrator and mix gently until dissolved. The calibrator is now at a concentration of 2.625 µg/ml (the reconstituted calibrator should be aliquoted and frozen if future use is intended). The standards need to be prepared immediately prior to use (see chart below). Mix well between each step. Avoid foaming.

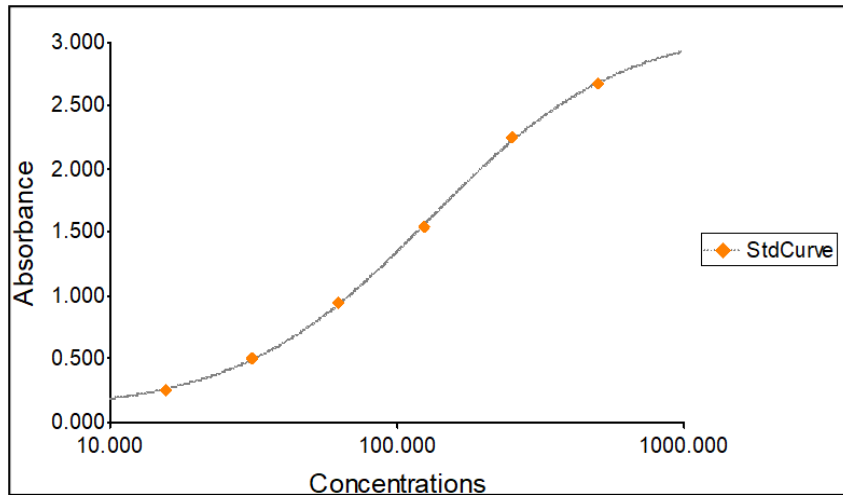
Standard	ng/ml	Volume added to 1X Diluent	Volume of 1X Diluent
6	500	120 µl of Mouse PRE Calibrator	510 µl
5	250	300 µl standard 6	300 µl
4	125	300 µl standard 5	300 µl
3	62.50	300 µl standard 4	300 µl
2	31.25	300 µl standard 3	300 µl
1	15.63	300 µl standard 2	300 µl
0	0		600 µl

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 Report

Standard #	Concentration (ng/mL)	Background Adjusted OD Value	Back Calculation	% Recovery
1	15.63	0.255	14.874	95.16
2	31.25	0.511	32.166	102.93
3	62.50	0.944	63.271	101.23
4	125	1.541	121.259	97.01
5	250	2.251	259.272	103.71
6	500	2.674	492.847	98.57

### Standard Curve Graph



**Standard Curve Background: 0.038 A<sub>450</sub>**