



CERTIFICATE OF ANALYSIS

Product: Mouse Albumin ELISA Kit

Catalog No: OKIA00087

Lot No: KH0631

Expiration Date: February, 2025

Kit Components	Lot Number	Contents
Plate	MO072723	1 plate of 96 wells with 12 strips
Calibrator	2004011-500-L121	1 vial
HRP Conjugate	MO080223	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 56.214 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.

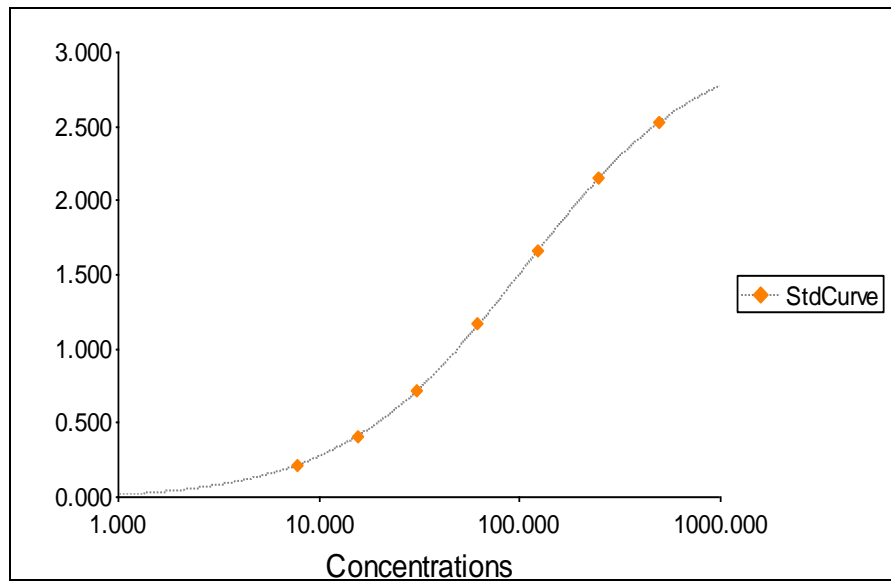
Standard	ng/ml	Volume added to 1X Diluent	Volume of 1X Diluent
7	500	7 µl of Mouse Albumin Calibrator	780 µl
6	250	300 µl standard 7	300 µl
5	125	300 µl standard 6	300 µl
4	62.50	300 µl standard 5	300 µl
3	31.25	300 µl standard 4	300 µl
2	15.63	300 µl standard 3	300 µl
1	7.81	300 µl standard 2	300 µl
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	7.81	0.251	7.597	97.27
2	15.63	0.465	15.890	101.66
3	31.25	0.798	31.575	101.04
4	62.50	1.248	62.120	99.39
5	125	1.744	122.886	98.31
6	250	2.207	263.007	105.20
7	500	2.465	501.932	100.39

Standard Curve Graph



Standard Curve Background: 0.043 A₄₅₀