



CERTIFICATE OF ANALYSIS

Product: Monkey Albumin ELISA Kit

Catalog No: OKIA00183

Lot No: KF0339

Expiration Date: July, 2022

Kit Components	Lot Number	Contents
Plate	MK012121	1 plate of 96 wells with 12 strips
Calibrator	HS2453148-100-L98	1 vial
HRP Conjugate	MK012321	1 vial
5X Diluent Buffer	---	50 mL
20X Wash Buffer	---	50 mL
Stop Solution	---	12 mL
TMB 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 427.50 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.

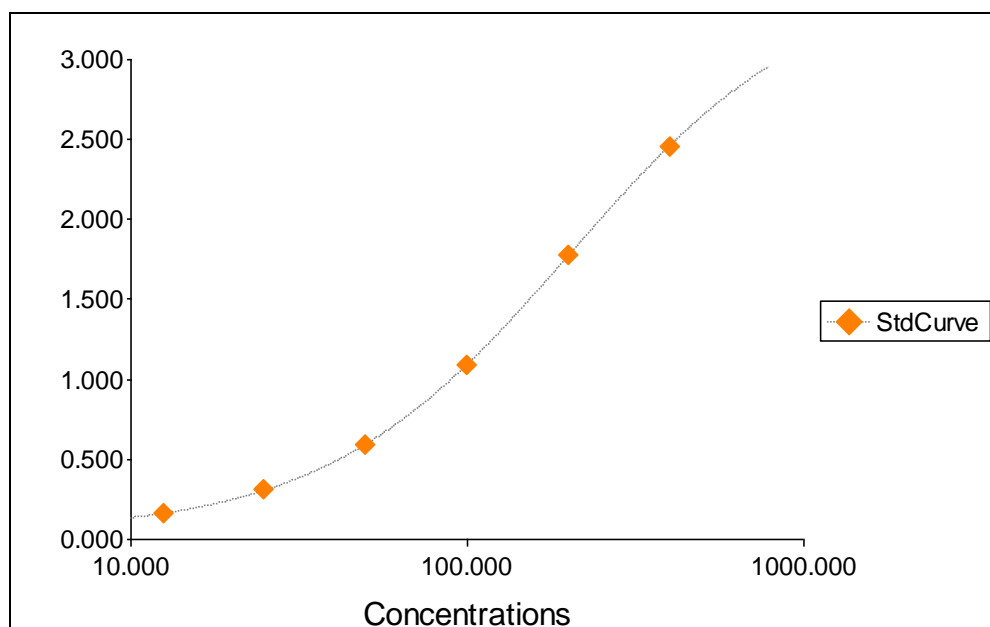
Standard	ng/ml	Volume added to 1X Diluent	Volume of 1X Diluent
A	4275	5 µl Albumin Calibrator	495 µl
6	400	80 µl standard A	775 µl
5	200	300 µl standard 6	300 µl
4	100	300 µl standard 5	300 µl
3	50	300 µl standard 4	300 µl
2	25	300 µl standard 3	300 µl
1	12.50	300 µl standard 2	300 µl
0			600 µl

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	12.50	0.155	12.216	97.73
2	25	0.307	25.389	101.56
3	50	0.589	50.025	100.05
4	100	1.082	99.623	99.62
5	200	1.770	200.695	100.35
6	400	2.453	401.591	100.40

Standard Curve Graph



Standard Curve Background: 0.044 450 nm OD