



CERTIFICATE OF ANALYSIS

Product: Mouse SAP ELISA Kit

Catalog No: OKIA00113

Lot No: KF0133

Expiration Date: September, 2021

Kit Components	Lot Number	Contents
Plate	MO032119	1 plate of 96 wells with 12 strips
Calibrator	2008003-100-L78	1 vial
HRP Conjugate	MO040419	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 4.40 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.

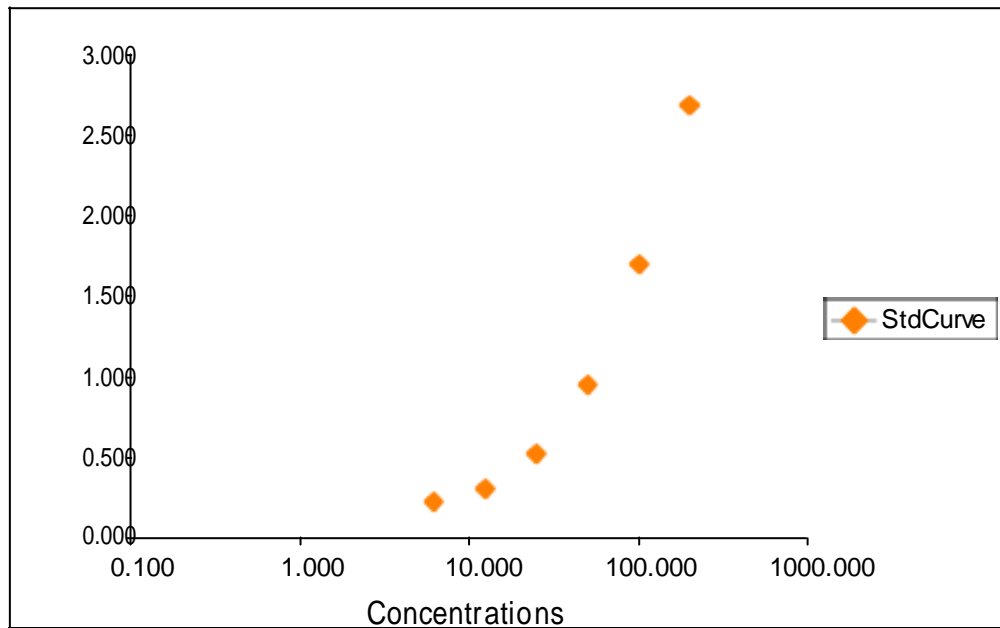
Standard	ng/ml	Volume added to 1X Diluent	Volume of 1X Diluent
6	200	40 µl of Mouse SAP Calibrator	840 µl
5	100	300 µl standard 6	300 µl
4	50	300 µl standard 5	300 µl
3	25	300 µl standard 4	300 µl
2	12.50	300 µl standard 3	300 µl
1	6.25	300 µl standard 2	300 µl
0	0		600 µl

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	6.25	0.226	6.462	103.39
2	12.50	0.312	12.237	97.90
3	25	0.525	25.008	100.03
4	50	0.957	50.123	100.25
5	100	1.703	99.907	99.91
6	200	2.692	200.036	100.02

Standard Curve Graph



Standard Curve Background: 0.076 450 nm OD