

CERTIFICATE OF ANALYSIS

Product: Monkey Cystatin C ELISA Kit

Catalog No: AAA14512

Lot No: 10Q1

Expiration Date: June, 2025

Kit Components	Part Number	Lot Number	Contents
Plate	PL-85CYS	MK111522	1 plate of 96 wells with 12 strips
Calibrator	RC-80	100937CYS-5-L123	1 vial
Detection Antibody 100X	BIO-85CYS	MK121522BIO	1 vial
HRP Streptavidin 100X	STP-85CYS	MK121522STP	1 vial
1X Diluent Buffer	E9-1X	092722	60 mL
20X Wash Buffer	E3-20X	---	50 mL
Stop Solution	E5-STOP	---	12 mL
TMB Substrate Solution	E-TMB	---	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 90.0 ng/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	4	40 µl of CYS Calibrator	860 µl
5	2	300 µl standard 6	300 µl
4	1	300 µl standard 5	300 µl
3	0.50	300 µl standard 4	300 µl
2	0.25	300 µl standard 3	300 µl
1	0.13	300 µl standard 2	300 µl
0	0		600 µl

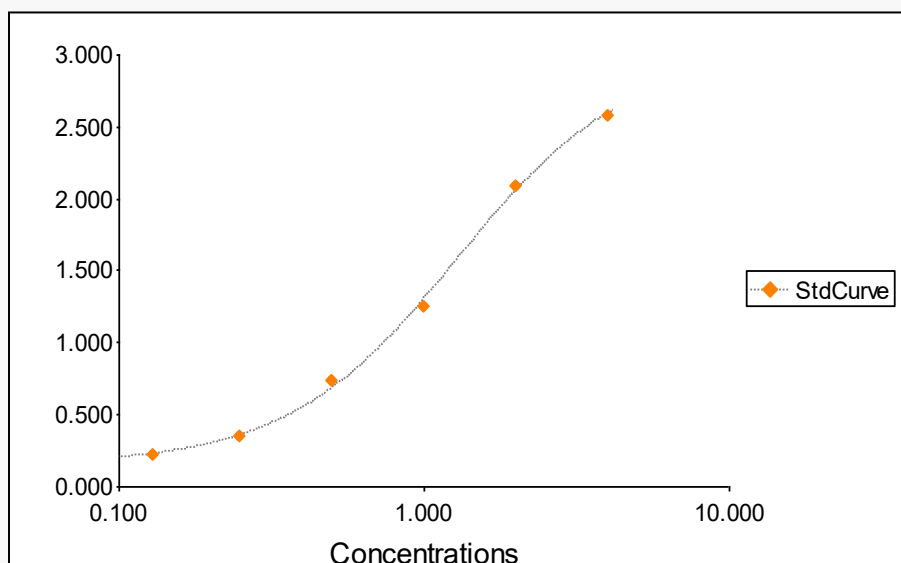
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Sample Standard Curve and Calculations ONLY. Do not use below report for result calculations. A standard curve should be generated each time the test is performed

Standard Curve Report

Standard #	Concentration (ng/mL)	Background Adjusted OD Value	Back Calculation	% Recovery
1	0.13	0.223	0.123	94.62
2	0.25	0.346	0.241	96.40
3	0.50	0.731	0.535	107.00
4	1	1.250	0.951	95.10
5	2	2.090	2.077	103.85
6	4	2.581	3.911	97.78

Standard Curve Graph



Standard Curve Background: 0.085 A₄₅₀