



CERTIFICATE OF ANALYSIS

Product: Pig CRP ELISA Kit

Catalog No: OKIA00116

Lot No: KG0071

Expiration Date: April, 2023

Kit Components	Lot Number	Contents
Plate	PG092921	1 plate of 96 wells with 12 strips
Calibrator	PF9-10-L108	1 vial
HRP Conjugate	PG100721	1 vial
1X Diluent Buffer	091521	60 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 12.133 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.

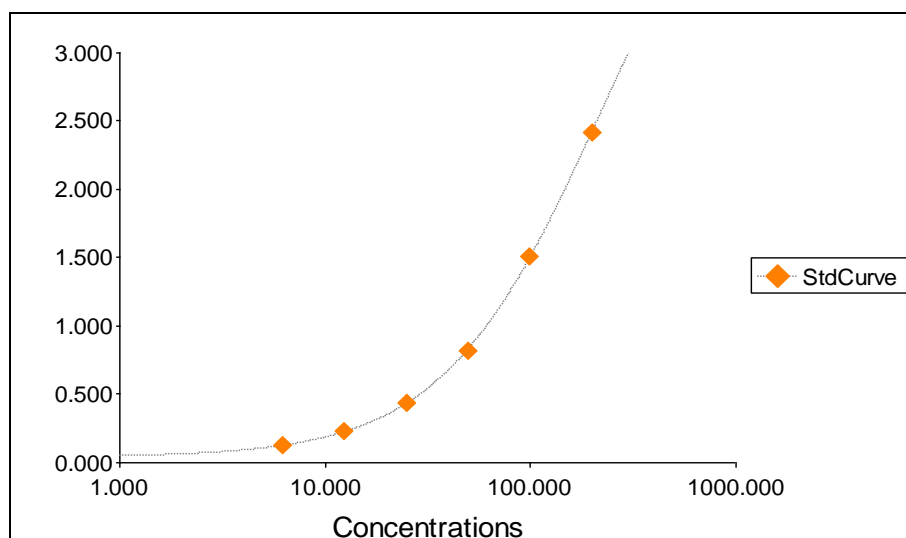
Standard	ng/ml	Volume added to 1X Diluent	Volume of 1X Diluent
6	200	15 µl of Pig CRP Calibrator	895 µl
5	100	300 µl standard 6	300 µl
4	50	300 µl standard 5	300 µl
3	25	300 µl standard 4	300 µl
2	12.50	300 µl standard 3	300 µl
1	6.25	300 µl standard 2	300 µl
0	0		600 µl

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	0.120	6.004	96.06
2	12.50	0.227	12.694	101.55
3	25	0.435	25.335	101.34
4	50	0.819	49.476	98.95
5	100	1.502	100.356	100.36
6	200	2.417	199.939	99.97

Standard Curve Graph



Standard Curve Background: 0.043 A₄₅₀