

CERTIFICATE OF ANALYSIS

Product: Ciclosporin ELISA Kit (General)
SKU: OKEH02549
Lot: KF0104
Expiration Date: 2021.07

Performance Characteristics:

Intra-Assay CV	$\leq 5.7\%$	Passed
Inter-Assay CV	$\leq 9.2\%$	Passed
Limit of Detection (LOD)		≤ 1.28 ng/mL
Assay Range		3.12 - 200 ng/mL

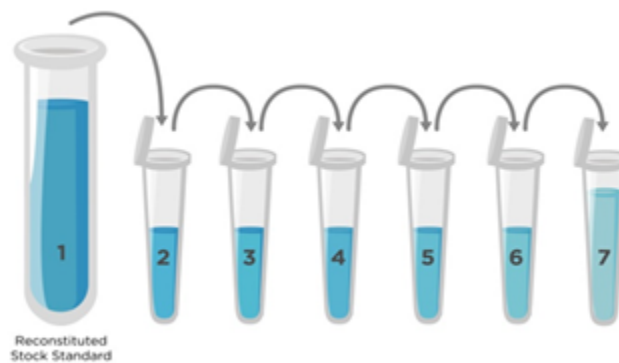
Standard Preparation:

Prepare the standards immediately before use. For each experiment, add 0.5 mL of Sample Diluent to the 100 ng Lyophilized Ciclosporin standard. Mix gently until dissolved. Leave the vial at ambient temperature for 15 minutes.

Prepare a set of diluted standards as indicated in the chart below:

Standard Number (Tube)	Standard To Dilute	Volume Standard To Dilute (uL)	Volume Sample Diluent Buffer (uL)	Total Volume (uL)	Final Concentration (ng/mL)
1	Reconstitute Ciclosporin Standard	N/A	N/A	500	200
2	200	300	300	600	100

Standard Number (Tube)	Standard To Dilute	Volume Standard To Dilute (uL)	Volume Sample Diluent Buffer (uL)	Total Volume (uL)	Final Concentration (ng/mL)
3	100	300	300	600	50
4	50	300	300	600	25
5	25	300	300	600	12.5
6	12.5	300	300	600	6.25
7	6.25	300	300	600	3.12
8	N/A	0	300	300	0.0 (Blank)



Typical Expected Data

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 Number	Concentration (ng/mL)	Background Adjusted OD Value
1	200	0.171
2	100	0.248
3	50	0.486
4	25	0.805
5	12.5	1.303
6	6.25	1.832

Standard Number	Concentration (ng/mL)	Background Adjusted OD Value
7	3.12	2.242

Standard Curve Graph

