

CERTIFICATE OF ANALYSIS

Product: Hyaluronic acid ELISA Kit (General)
SKU: OKEH02527
Lot: KH0563
Expiration Date: 2024.03

Performance Characteristics:

Intra-Assay CV	<= 5.2%	Passed
Inter-Assay CV	<= 8.9%	Passed
Limit of Detection (LOD)		<= 3.125 ng/mL
Assay Range		6.25 - 400 ng/mL

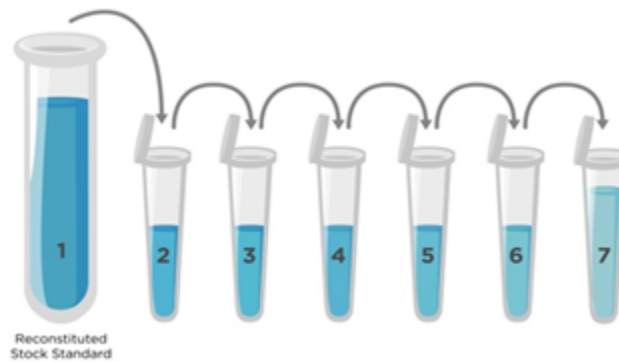
Standard Preparation:

Prepare the standards immediately before use. For each experiment, add 2 mL of Sample Diluent to the 800 ng Lyophilized Hyaluronic acid 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 Hyaluronic acid Standard	N/A	N/A	2,000	400

Standard Number (Tube)	Standard To Dilute	Volume Standard To Dilute (uL)	Volume Sample Diluent Buffer (uL)	Total Volume (uL)	Final Concentration (ng/mL)
2	400	300	300	600	200
3	200	300	300	600	100
4	100	300	300	600	50
5	50	300	300	600	25
6	25	300	300	600	12.5
7	12.5	300	300	600	6.25
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	400	0.306
2	200	0.406
3	100	0.482
4	50	0.654
5	25	0.914

Standard Number	Concentration (ng/mL)	Background Adjusted OD Value
6	12.5	1.363
7	6.25	1.765

Standard Curve Graph

