

## CERTIFICATE OF ANALYSIS

**Product:** ANXA2 ELISA Kit (Human)  
**Sku:** OKEH01382  
**Lot:** KF1248  
**Expiration Date:** 2022.09

### Performance Characteristics:

Intra-Assay CV	<= 5.4%	Passed
Inter-Assay CV	<= 6.9%	Passed
Limit of Detection (LOD)		<= 0.23 ng/mL
Assay Range		0.625 - 40 ng/mL

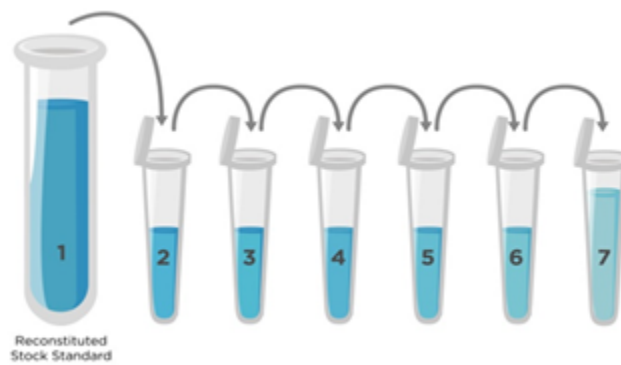
### Standard Preparation:

Prepare the standards immediately before use. For each experiment, add 1 mL of Sample Diluent to the 40 ng Lyophilized ANXA2 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 ANXA2 Standard	N/A	N/A	1,000	40
2	40	300	300	600	20

Standard Number (Tube)	Standard To Dilute	Volume Standard To Dilute (uL)	Volume Sample Diluent Buffer (uL)	Total Volume (uL)	Final Concentration (ng/mL)
3	20	300	300	600	10
4	10	300	300	600	5
5	5	300	300	600	2.5
6	2.5	300	300	600	1.25
7	1.25	300	300	600	0.625
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	40	2.703
2	20	1.678
3	10	0.921
4	5.0	0.461
5	2.5	0.278
6	1.25	0.128

Standard Number	Concentration (ng/mL)	Background Adjusted OD Value
7	0.625	0.073

Standard Curve Graph

