

## CERTIFICATE OF ANALYSIS

**Product:** GBA ELISA Kit (Mouse)  
**SKU:** OKEH03366  
**Lot:** KH0628  
**Expiration Date:** 2024.04

### Performance Characteristics:

Intra-Assay CV	$\leq 5.2\%$	Passed
Inter-Assay CV	$\leq 8.6\%$	Passed
Limit of Detection (LOD)		$\leq 0.168$ ng/mL
Assay Range		0.312 - 20 ng/mL

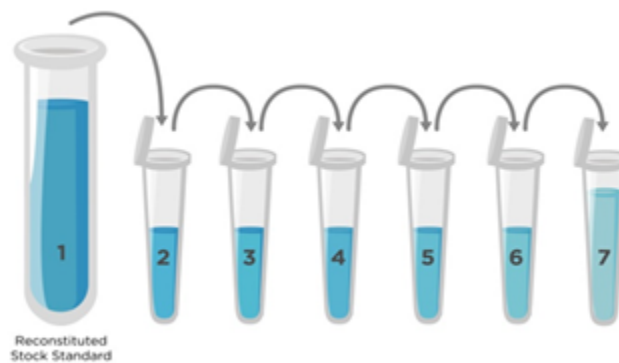
### Standard Preparation:

Prepare the standards immediately before use. For each experiment, add 0.5 mL of Sample Diluent to the 10 ng Lyophilized GBA 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 GBA Standard	N/A	N/A	500	20
2	20	300	300	600	10

Standard Number (Tube)	Standard To Dilute	Volume Standard To Dilute (uL)	Volume Sample Diluent Buffer (uL)	Total Volume (uL)	Final Concentration (ng/mL)
3	10	300	300	600	5.0
4	5.0	300	300	600	2.5
5	2.5	300	300	600	1.25
6	1.25	300	300	600	0.625
7	0.625	300	300	600	0.312
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	20	2.511
2	10	1.766
3	5.0	1.096
4	2.5	0.588
5	1.25	0.334
6	0.625	0.189

Standard Number	Concentration (ng/mL)	Background Adjusted OD Value
7	0.312	0.119

Standard Curve Graph

