



CERTIFICATE OF ANALYSIS

Product: General Endotoxin ELISA Kit

Catalog No: OKEH02559

Lot No: KH0734

Expiration Date: 2024.05

Performance Characteristics:

Intra-Assay CV	< 5.3%	Passed
Inter-Assay CV	< 9.1%	Passed
Limit of Detection (LOD)		< 0.005 EU/mL
Assay Range		0.015 – 1.0 EU/mL

Standard Dilution:

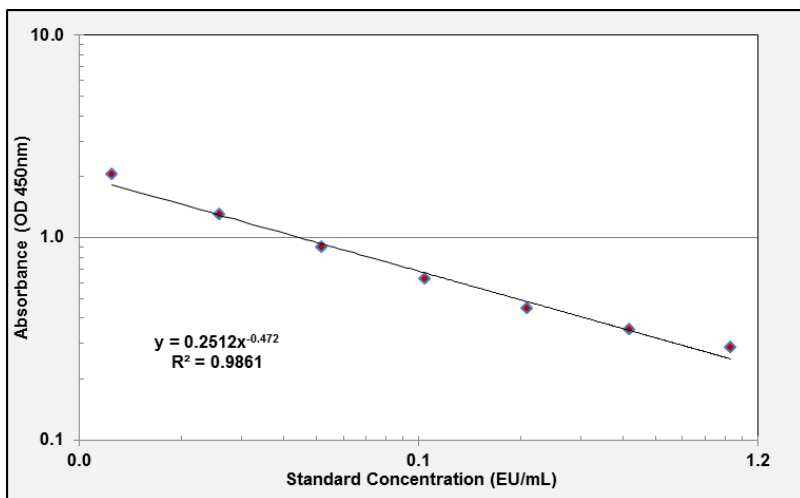
Prepare the standard immediately before use. For each experiment, add 2 mL of Sample Diluent to the 4.0 EU Lyophilized Endotoxin Standard. Mix gently until dissolved. Leave the vial at ambient temperature for 15 minutes.

Prepare a 1.0 EU/mL Standard by adding 500 µL of 2.0 EU/mL Standard to 500 µL of Sample Diluent in Tube #1. Mix gently and thoroughly.

Standard Number (Tube)	Standard to Dilute	Volume Standard to Dilute (µL)	Volume Sample Diluent (µL)	Total Volume (µL)	Final Concentration (EU/mL)
Standard	4.0 EU Lyophilized Endotoxin Standard	NA	2,000	2,000	2.0 EU/mL
1	2.0 EU/mL	500	500	1,000	1.0 EU/mL
2	1.0 EU/mL	300	300	600	0.5 EU/mL
3	0.5 EU/mL	300	300	600	0.25 EU/mL
4	0.25 EU/mL	300	300	600	0.125 EU/mL
5	0.125 EU/mL	300	300	600	0.062 EU/mL
6	0.062 EU/mL	300	300	600	0.031 EU/mL
7	0.031 EU/mL	300	300	600	0.015 EU/mL
8	N/A	0	300	300	0.0 (Blank)

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 Graph



Standard EU/mL	Absorbance (OD 450nm)
1.0	0.283
0.5	0.348
0.25	0.442
0.125	0.620
0.062	0.884
0.031	1.288
0.015	2.032