

## CERTIFICATE OF ANALYSIS

**Product:** Angiotensin (1-7) ELISA Kit (General)  
**SKU:** OKEH02599  
**Lot:** KH0615  
**Expiration Date:** 2024.03

### Performance Characteristics:

Intra-Assay CV	<= 6.4%	Passed
Inter-Assay CV	<= 8.9%	Passed
Limit of Detection (LOD)		<= 2.2 pg/mL
Assay Range		7.8 - 500 pg/mL

### Standard Preparation:

Prepare the standards immediately before use. For each experiment, add 2 mL of Sample Diluent to the 1,000 pg Lyophilized Angiotensin (1-7) 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 (pg/mL)
1	Reconstitute Angiotensin (1-7) Standard	N/A	N/A	2,000	500

Standard Number (Tube)	Standard To Dilute	Volume Standard To Dilute (uL)	Volume Sample Diluent Buffer (uL)	Total Volume (uL)	Final Concentration (pg/mL)
2	500	300	300	600	250
3	250	300	300	600	125
4	125	300	300	600	62.5
5	62.5	300	300	600	31.2
6	31.2	300	300	600	15.6
7	15.6	300	300	600	7.8
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 (pg/mL)	Background Adjusted OD Value
1	500	0.12
2	250	0.196
3	125	0.264
4	62.5	0.409
5	31.2	0.685

Standard Number	Concentration (pg/mL)	Background Adjusted OD Value
6	15.6	1.199
7	7.8	1.922

### Standard Curve Graph

