# BOSTER BIOLOGICAL TECHNOLOGY, LTD.

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www.bosterbio.com

# Boster Biotech Certificate of Analysis

Note: this is a sample COA. To get the COA for your lot #, please contact us at support@bosterbio.com

To whom it may concern,

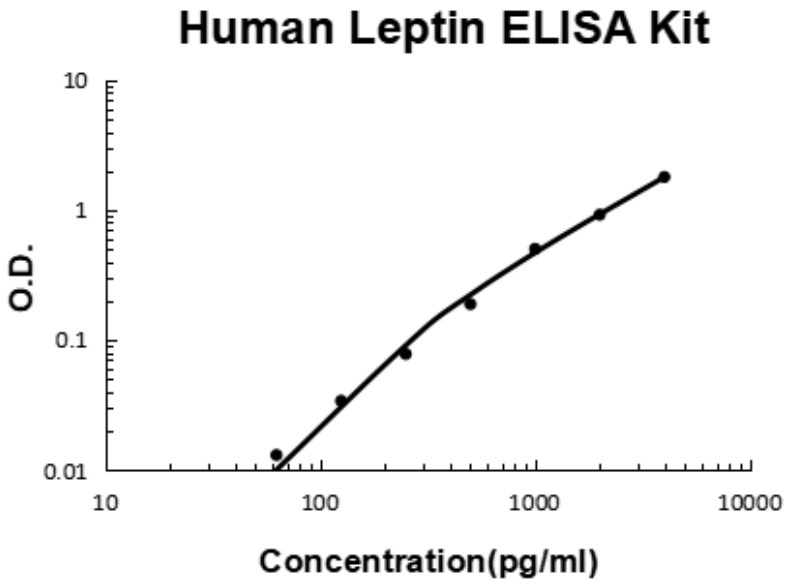
This letter attests that Human Leptin ELISA Kit ELISA Kit, catalog # EK0437, Lot # (this is SAMPLE COA) is manufactured by Boster Biological Technology, Ltd; through test and assay, we got the following data:

## 1. Typical Data

The following data were obtained for the various standards over the range of 62.5 pg/ml - 4000 pg/ml Human Leptin ELISA Kit , plus the blank well.

| Concentration (pg/ml) | 0 | 62.5 | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|---|---|---|---|---|---|---|---|---|
| O.D. | 0.002 | 0.015 | 0.036 | 0.080 | 0.191 | 0.505 | 0.923 | 1.801 |

## Standard Curve




2. **Intra-Assay Precision** Samples of known Human Leptin ELISA Kit concentration were assayed in replicates of 16 to determine precision within an assay.

The %CV (Coefficient of Variation) of intra-assay is < 10%

3. **Inter-Assay Precision** Samples were assayed 48 times in multiple assays to determine precision between assays.

The %CV (Coefficient of Variation) of inter-assay is < 10%

4. **Sensitivity** The minimum detectable dose of Human Leptin ELISA Kit is<10 pg/ml. This was determined by adding two standard deviations to the mean O.D. Obtained when the zero standard was assayed 30 times.

5. **Expiration Date** Since the manufacture date for this kit is May 13, 2016, so, it can be stored at 4 degree for 6 months (November 13, 2016), and at -20 degree for 8 months (May 13, 2017). Note: these dates are demo data and not corresponding to the lot you are going to purchase. To get the COA for your particular lot, please contact us at support@bosterbi.com

Approved by:



Ms. Yangjing Yue Chief technician

Quality Control System of ELISA

Date: May 13, 2016