

## **BOSTER BIOLOGICAL TECHNOLOGY, LTD.**

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[www.bosterbio.com](http://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](mailto:support@bosterbio.com)

To whom it may concern,

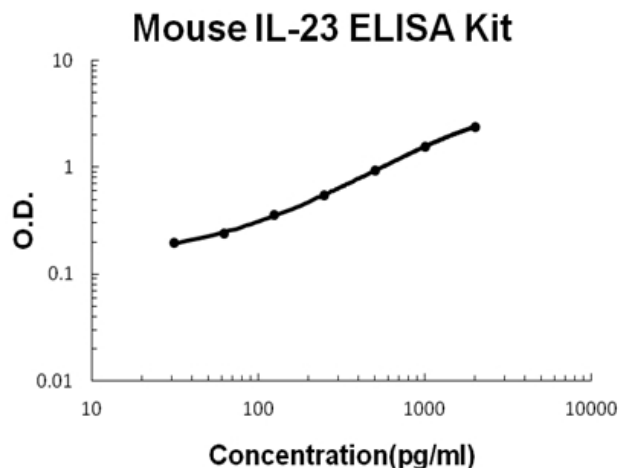
This letter attests that Mouse IL-23 ELISA Kit, catalog # EK0866, Lot # (this is SAMPLE COA) is manufactured by Boster Biological Technology, Ltd; through test and assay, we got the following data:

#### **1. Typical Data**

The following data were obtained for the various standards over the range of 31.2pg/ml-2000pg/ml Mouse IL-23 , plus the blank well.

Concentration(pg/ml)	0	2000	2000	2000	2000	2000	2000	2000
O.D.	0.168	0.198	0.242	0.355	0.547	0.935	1.561	2.391

#### **Standard Curve**



2. **Intra-Assay Precision** Samples of known Mouse IL-23 concentration were assayed in replicates of 16 to determine precision within an assay.

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

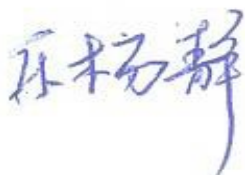
3. **Inter-Assay Precision** Samples were assayed 48 times in multiple assays to determine precision between assays.

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

4. **Sensitivity** The minimum detectable dose of Mouse IL-23 is <2pg/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