To whom it may concern,

This letter attests that Human TIMP-1 ELISA Kit, catalog # EK0520, 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 156pg/ml-10000pg/ml Human TIMP-1, plus the blank well.

<table>
<thead>
<tr>
<th>Concentration (pg/ml)</th>
<th>0</th>
<th>156</th>
<th>312</th>
<th>625</th>
<th>1250</th>
<th>2500</th>
<th>5000</th>
<th>10000</th>
</tr>
</thead>
<tbody>
<tr>
<td>O.D.</td>
<td>0.003</td>
<td>0.438</td>
<td>0.759</td>
<td>1.197</td>
<td>1.322</td>
<td>1.669</td>
<td>1.805</td>
<td>2.033</td>
</tr>
</tbody>
</table>

**Standard Curve**

![Standard Curve Graph]
2. **Intra-Assay Precision** Samples of known Human TIMP-1 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 TIMP-1 is < 5 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