To whom it may concern,

This letter attests that Human PTX3/Pentraxin 3 ELISA Kit, catalog # EK0861, 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 312pg/ml-20000pg/ml Human PTX3/Pentraxin 3, plus the blank well.

<table>
<thead>
<tr>
<th>Concentration (pg/ml)</th>
<th>0</th>
<th>312</th>
<th>625</th>
<th>1250</th>
<th>2500</th>
<th>5000</th>
<th>10000</th>
<th>20000</th>
</tr>
</thead>
<tbody>
<tr>
<td>O.D.</td>
<td>0.052</td>
<td>0.278</td>
<td>0.420</td>
<td>0.649</td>
<td>1.111</td>
<td>1.605</td>
<td>1.941</td>
<td>2.215</td>
</tr>
</tbody>
</table>

**Standard Curve**

![Standard Curve Graph](image-url)
2. **Intra-Assay Precision** Samples of known Human PTX3/Pentraxin 3 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 PTX3/Pentraxin 3 is < 10pg/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:

   ![Signature]

   Ms. Yangjing Yue Chief technician

   Quality Control System of ELISA

   Date: May 13, 2016