Human HSP27 / Heat Shock Protein 27 PicoKine™ ELISA Kit

Catalog Number: EK0881
Size: 96wells/kit, with removable strips.

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human HSP27. 96wells/kit, with removable strips.

Typical Data Obtained from Human HSP27 / Heat Shock Protein 27

(TMB reaction incubate at 37°C for 15-25min)

<table>
<thead>
<tr>
<th>Concentration (pg/ml)</th>
<th>0</th>
<th>4000</th>
<th>2000</th>
<th>4000</th>
<th>2000</th>
<th>4000</th>
<th>2000</th>
<th>4000</th>
</tr>
</thead>
<tbody>
<tr>
<td>O.D.</td>
<td>0.099</td>
<td>0.119</td>
<td>0.173</td>
<td>0.253</td>
<td>0.384</td>
<td>0.697</td>
<td>1.127</td>
<td>1.796</td>
</tr>
</tbody>
</table>

Typical Human HSP27 / Heat Shock Protein 27 PicoKine™ ELISA Kit Standard Curve

This standard curve was generated at Boster for demonstration purpose only. A standard curve must be run with each assay.

<table>
<thead>
<tr>
<th>Range</th>
<th>62.5pg/ml-4000pg/ml</th>
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<tbody>
<tr>
<td>Sensitivity</td>
<td>&lt;5pg/ml</td>
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</table>
Specificity | Natural and recombinant Human HSP27 / Heat Shock Protein 27
---|---
Cross-reactivity | There is no detectable cross-reactivity with other relevant proteins.

**Storage**

Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

**Intra/Inter Assay Precision**

**Intra-Assay Precision** (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.

**Inter-Assay Precision** (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Intra-Assay Precision</th>
<th>Inter-Assay Precision</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>