VeriKine™ Human Interferon Alpha/Beta Receptor 2 ELISA, Product Flyer

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VeriKine™ Human Interferon Alpha/Beta Receptor 2 ELISA
Catalog No. 41385

- Provides high sensitivity & excellent specificity for detection to < 5 pg/ml
- Compatible with serum, plasma, cell lysate and cell culture supernatant
- Able to measure the membrane-bound form of IFNAR2 in cell lysates
- No significant cross-reactivity with Human IFNAR1 and analogues
- < 10% inter- and intra-assay CVs
- Conserve high value specimens with low sample requirements (1:100 dilutions of Normal Human Serum (NHS) and Plasma)

sIFNAR2 ELISA Standard Curve

This universal ligand-binding receptor for human interferons alpha and beta (Type I IFNs) is directly involved in signal transduction. The receptor is a heterodimer of IFNAR1 and IFNAR2. The IFNAR2 subunit exists in three isoforms, two membrane-bound and one soluble. The soluble isoform has been detected in serum and urine and is reported to be elevated in serum from cancer and autoimmune disease patients. The ability to measure sIFNAR2 in serum can improve understanding of the regulation of the immunomodulatory effects of interferons and perhaps how interferon-based therapies contribute to soluble receptor levels.
The **Human Interferon Alpha/Beta Receptor 2 ELISA** has been developed to detect and quantitate levels of IFNAR2 to < 5 pg/ml. This new assay provides a novel way to measure human IFNAR2 and will allow scientists to deepen their understanding of interferon-based treatments.

### Citations


### Product Information

<table>
<thead>
<tr>
<th>Description</th>
<th>VeriKine™ Human Interferon Alpha/Beta Receptor 2 ELISA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Number</td>
<td>41385-1</td>
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<tr>
<td>Size</td>
<td>1 x 96-well plate</td>
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<tr>
<td>Compatibility</td>
<td>Serum, Plasma, Cell Culture Supernatant, Cell Lysate</td>
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<tr>
<td>Assay Range</td>
<td>3.1 - 200 pg/ml</td>
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For more information and product availability, please contact our customer service department by telephone (732-777-9123) or e-mail (info@pblassaysci.com).