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Stain Index

<table>
<thead>
<tr>
<th>Specitivity /Clone</th>
<th>Fluorochrome</th>
<th>Laser Excitation</th>
<th>Stain Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD3/UCHT1</td>
<td>Brilliant Violet 211™</td>
<td>405 nm</td>
<td>262</td>
</tr>
<tr>
<td>CD3/UCHT1</td>
<td>PE</td>
<td>561 nm</td>
<td>170</td>
</tr>
<tr>
<td>CD3/UCHT1</td>
<td>Pacific Blue™</td>
<td>405 nm</td>
<td>59</td>
</tr>
<tr>
<td>CD3/UCHT1</td>
<td>BD Horizon™ V450</td>
<td>405 nm</td>
<td>56</td>
</tr>
</tbody>
</table>

RBC-lysed whole blood cells were stained with anti-CD3 conjugated to the above fluorochromes and run on the BD™ LSR II flow cytometer. The stain index values indicated are derived at the optimal concentration for each conjugate.

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08-0005-06
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VeriPlex™ Multiplex ELISA tool benefits autoimmunity and inflammation researchers

What is the VeriPlex™ Multiplex ELISA array?

The PBL VeriPlex™ Interferon multiplex ELISA array is a quantitative ELISA-based test where 9 distinct capture antibodies have been adsorbed to each well of a 96-well plate in a defined 3x3 array. The ability to assess multiple cytokines in one assay means far less work than running individual assays.

Which cytokines can be assayed in this kit?

Human Interferons-alpha, -beta, -gamma, -omega, -lambda, Interleukin-1 alpha, Interleukin-6, TNF-alpha, and IP-10 levels can be measured.

How much sample size is required?

Using less than 30 μl of sample, up to 84 different samples can be assayed for all 9 unique analytes in less than 2.5 hours using one VeriPlex™ELISA leaving your precious samples for additional assays.

What is the typical sensitivity and specificity of the VeriPlex™ multiplex ELISA Arrays?

Sensitivity is system dependent. It typically ranges between 30 pg/ml to less than 5 pg/ml. All of the antibodies used in the VeriPlex™ Human Interferon Multiplex ELISA have been subject to a rigorous and comprehensive cross reactivity protocol and verified to be non-cross reactive with any other system on the array. This means that unique cytokine profiles or “fingerprints” can be generated among different patient samples or disease states, allowing true subpopulation analysis.

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**Department of Pathology**  
**University of Utah School of Medicine**

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Send a letter of intent and current curriculum vitae with bibliography to:

Harry R. Hill, M.D.  
Associate Chair of Pathology  
Department of Pathology  
University of Utah  
50 North Medical Dr. Room 5B114  
Salt Lake City, UT 84132  
U.S.A.

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