# Herpes Simplex Virus 1 & 2 IgG Antibody

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Multiplex flow immunoassay intended for the qualitative detection and differentiation of IgG antibodies to herpes simplex type 1 (HSV-1) and herpes simplex virus type 2 (HSV-2).</th>
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</thead>
<tbody>
<tr>
<td>Test Use</td>
<td>This test is indicated for sexually active individuals and expectant mothers as an aid for the presumptive diagnosis of HSV-1 or HSV-2 infection.</td>
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</tbody>
</table>
| Test Department  | Virology/Serology  
Phone: (860) 920-6662, FAX (860) 920-6661                                                                                                                                   |
| Methodology      | Multiplex flow immunoassay (MFIA)                                                                                                                                                      |
| Availability     | Test is performed weekly                                                                                                                                                               |
| Specimen         | 1 mL serum (preferred) or 1 mL EDTA or Heparinized plasma                                                                                                                                 |
| Specimen Handling & Transport | Store specimen at 2-8°C after collection and during transportation to the laboratory. Transport with an ice pack coolant. Specimens should be received for testing within 7 days of collection. Avoid temperature extremes. Transport frozen on dry ice if receipt is expected to be > 7 days from collection |
| Unacceptable Conditions | Unlabeled specimens  
Specimens that have leaked or containers that have broken in transit  
Lipemic, hemolyzed, icteric or grossly contaminated sera  
Specimens not handled, stored, or transported as described above |
| Requisition Form | Clinical test requisition (select Herpes Simplex IgG Antibody)                                                                                                                        |
| Required Information | Name and address of submitter (and/or Horizon profile #)  
Patient name or identifier, date of birth  
Specimen type or source of collection, date collected, test requested  
Please ensure patient name on the requisition matches that on the specimen. |
| Limitations      | The BioPlex 2200 HSV-1 & HSV-2 assay is not, in and of itself, diagnostic for herpes simplex infection and assay results should only be interpreted in the context of other laboratory findings and the total clinical presentation of the patient. The performance of this assay has not been established for use in a pediatric population, neonates and immunocompromised patients. |
| Additional Comments | Samples collected too early in the course of the infection may not have detectable levels of HSV IgG. Negative HSV-2 results may be due to delayed seroconversion. |

Revision: 8/09/2022