Women’s Health Portfolio
Rapid and Actionable Results to Improve Clinical Outcomes.

IVD Assays
ARIES® GBS Assay
ARIES® HSV 1&2 Assay
The implications of diagnosing women's health problems extend far beyond each patient, affecting partners and children as well. When it comes to infectious diseases, it's essential to get rapid, reliable answers from lab tests.

Luminex's Women's Health assays, ranging from antenatal testing to sexually transmitted infections, offer highly sensitive, accurate, and easy-to-use PCR-based options that provide precise results.

ARIES® Systems are sample-to-answer platforms that require minimal hands-on time, and offer the flexibility to run an extensive IVD assay menu, as well as laboratory developed tests. Assays run on ARIES® Systems can be scaled to meet the throughput needs of both hospital and reference labs.

**Clinically Relevant** – Advanced clinical performance compared to traditional methods.

**Economically Responsible** – Manage throughput needs and labor costs with scalable solutions.

**Operationally Efficient** – Consolidate IVD and LDT testing menu on an automated platform.

ARIES® Systems are Luminex's sample-to-answer, real-time PCR instruments that are crafted to increase laboratory efficiency, ensure result accuracy, and fit seamlessly into today's lean laboratory. ARIES® allows your lab to control every aspect of the sample-to-answer testing process—from sample accessioning through result reporting.

**Workflow**

1. **Step 1**
   Load the sample into the cassette.

2. **Step 2**
   Insert up to six cassettes into the magazine.

3. **Step 3**
   Insert the magazines into the instrument.

4. **Step 4**
   Review and release results.

The operator adds the sample to the cassette, puts the cassette in the magazine, loads the magazine into the ARIES® System, and the run will start automatically.
Targeted Testing

The ARIES® Women’s Health portfolio gives healthcare professionals the ability to test for specific pathogens of interest more efficiently than traditional methods—delivering faster results and potentially improving patient outcomes.

The ARIES® Women’s Health portfolio delivers:

- **Flexibility** – Run as many as 12 tests per batch, supporting STAT testing and low- to medium-volume batch testing.
- **Fast Time to Results** – Answers in less than two hours, with minimal hands-on time to support rapid treatment decisions.
- **Full Integration** – All aspects of testing are automated, from sample preparation through analysis, to enable easy implementation on weekends and night shifts.
- **Error-Reducing Safeguards** – Internal barcode scanning matches samples to cassettes, reducing potential data input errors.

All ARIES® assays are real-time PCR-based, qualitative, in vitro diagnostic tests, and are indicated for use with ARIES® Systems.

**ARIES® GBS Assay**

The ARIES® GBS Assay detects Group B Streptococcus (GBS) nucleic acid from 18–24 hour Lim broth enrichments of vaginal-rectal swab specimens obtained from pregnant women. It is intended for use as a method for detection of GBS colonization in antepartum women, but not to diagnose or monitor treatment of a GBS infection.

The ARIES® GBS Assay does not provide susceptibility results and culture isolates are needed for performing susceptibility testing, as recommended for penicillin-allergic women.

**ARIES® HSV 1&2 Assay**

The ARIES® HSV 1&2 Assay detects and differentiates Herpes Simplex Virus 1 and 2 (HSV 1 and HSV 2) DNA in cutaneous or mucocutaneous lesion specimens. The test is indicated for use as an aid in diagnosis of HSV infection in symptomatic patients. It is not FDA cleared for use with cerebrospinal fluid, nor is it intended to be used for prenatal screening.

<table>
<thead>
<tr>
<th>Target</th>
<th>Sensitivity</th>
<th>Specificity</th>
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<tbody>
<tr>
<td>HSV 1 (Cutaneous)</td>
<td>91.1%</td>
<td>94.2%</td>
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<tr>
<td>HSV 1 (Mucocutaneous)</td>
<td>97.0%</td>
<td>95.4%</td>
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<tr>
<td>HSV 2 (Cutaneous)</td>
<td>95.0%</td>
<td>88.8%</td>
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<tr>
<td>HSV 2 (Mucocutaneous)</td>
<td>98.5%</td>
<td>93.2%</td>
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## Ordering Information

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<thead>
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<th>Product Name</th>
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<td>ARIES’ GBS Assay (24 Tests)</td>
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<tr>
<td>ARIES’ HSV 1&amp;2 Assay (24 Tests)</td>
<td>50-10017</td>
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orders@luminexcorp.com or support@luminexcorp.com

For In Vitro Diagnostic Use. Products are region specific and may not be approved in some countries/regions. Please contact Luminex at support@luminexcorp.com to obtain the appropriate product information for your country of residence.

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