Aptima Controls Kit

For in vitro diagnostic use
Rx only

Intended Use
The Aptima Controls Kit is for use with the Aptima Assays for the detection of C. trachomatis and/or N. gonorrhoeae. These quality control reagents are to be used according to the instructions in the package insert of the appropriate Aptima Assay to establish run validity.

Reagents

**Note:** For information on any hazard and precautionary statements that may be associated with reagents, refer to the Safety Data Sheet Library at www.hologic.com/sds.

Materials Provided
Aptima Controls Kit (Cat. No. 301110)

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Component</th>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCT/NGC</td>
<td>Aptima Positive Control, CT/Negative Control, GC</td>
<td>5 x 1.7 mL</td>
<td>Non-infectious CT nucleic acid in a buffered solution containing &lt;5% detergent. Each 400 μL sample contains the estimated rRNA equivalent of 1 CT IFU (5 fg/assay*).</td>
</tr>
<tr>
<td>PGC/NCT</td>
<td>Aptima Positive Control, GC/Negative Control, CT</td>
<td>5 x 1.7 mL</td>
<td>Non-infectious GC nucleic acid in a buffered solution containing &lt;5% detergent. Each 400 μL sample contains the estimated rRNA equivalent of 50 GC cells (250 fg/assay*).</td>
</tr>
</tbody>
</table>

*The rRNA equivalents were calculated based on the genome size and estimated DNA:RNA ratio/cell of each organism.

Warnings and Precautions
For use with Aptima Assays for the detection of C. trachomatis and/or N. gonorrhoeae. The Positive Control CT (Negative Control GC) serves as the negative control for GC Assays/test results. The Positive Control GC (Negative Control CT) serves as the negative control for CT Assays/test results.

Storage and Handling Requirements
The reagents contained in the Aptima Controls Kit are to be stored at 2°C to 8°C and are stable until the date indicated on the vials.

Upon warming to room temperature, some control tubes may appear cloudy or contain precipitates. Cloudiness or precipitation associated with controls does not affect control performance. The controls may be used whether they are clear or are cloudy/precipitated. If clear controls are desired, solubilization may be expedited by incubating them at the upper end of the room temperature range (15°C to 30°C).

Aptima Assay Procedure
Please reference the test procedure section of the Aptima Assay package insert or the instrument Operator's Manual for procedural instructions.

Aptima Assay Expected Results

<table>
<thead>
<tr>
<th>Control</th>
<th>CT Result*</th>
<th>GC Result*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive Control CT/Negative Control GC</td>
<td>Positive</td>
<td>Negative</td>
</tr>
<tr>
<td>Positive Control GC/Negative Control CT</td>
<td>Negative</td>
<td>Positive</td>
</tr>
</tbody>
</table>

*Refer to the Aptima Assay package insert for specific RLU values associated with the Aptima Controls. Should results fall outside these expected results, please contact Hologic Technical Support for assistance.