LIAISON® H. pylori IgG
Fully automated solution for specific and accurate antibody detection
LIAISON® H. pylori IgG

*Helicobacter pylori* is one of the most common bacterial infections in humans, affecting nearly 50% of the world’s population. *Helicobacter pylori* has been associated with the development of serious upper gastrointestinal (GI) conditions including chronic gastritis, peptic ulcer disease, gastric cancer, and mucosa-associated lymphoid tissue (MALT).

A serological test has been the first choice for the detection of *H. pylori* infection because it is easy to perform compared to the more invasive diagnostic tests. A positive serologic test indicates the presence of *H. pylori* antibodies which confirms both a possibility for past infection or potential current infection.

**Fully automated solution for specific and accurate antibody detection**

A total of 504 serum samples, prospectively collected from subjects sent to laboratory for H. pylori IgG testing, were tested by the LIAISON® *H. pylori* IgG assay and a reference *H. pylori* IgG assay. Results are summarized in the table below:

### Optimal agreement with Reference assay

<table>
<thead>
<tr>
<th>LIAISON® H. pylori IgG</th>
<th>Reference Assay</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive</td>
<td>105</td>
<td>113</td>
</tr>
<tr>
<td>Equivocal</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>Negative</td>
<td>1</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Equivocal</th>
<th>Negative</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive</td>
<td>105</td>
<td>7</td>
<td>113</td>
</tr>
<tr>
<td>Equivocal</td>
<td>4</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>Total</td>
<td>110</td>
<td>13</td>
<td>504</td>
</tr>
</tbody>
</table>

**Main Features of LIAISON® H. pylori IgG assay**

- Number of test: 100
- Assay format: CLIA indirect qualitative
- Calibration stability: 4 weeks
- Integral on board stability: 8 weeks

**Flexibility enables quick and accurate results**

- High throughput
- Optimal diagnostic performance
- Robust and proven technology
- Optimal inter and intra assay precision

### Ordering information

- LIAISON® H. pylori IgG code 318980
- LIAISON® H. pylori IgG Control set code 318981

**References**