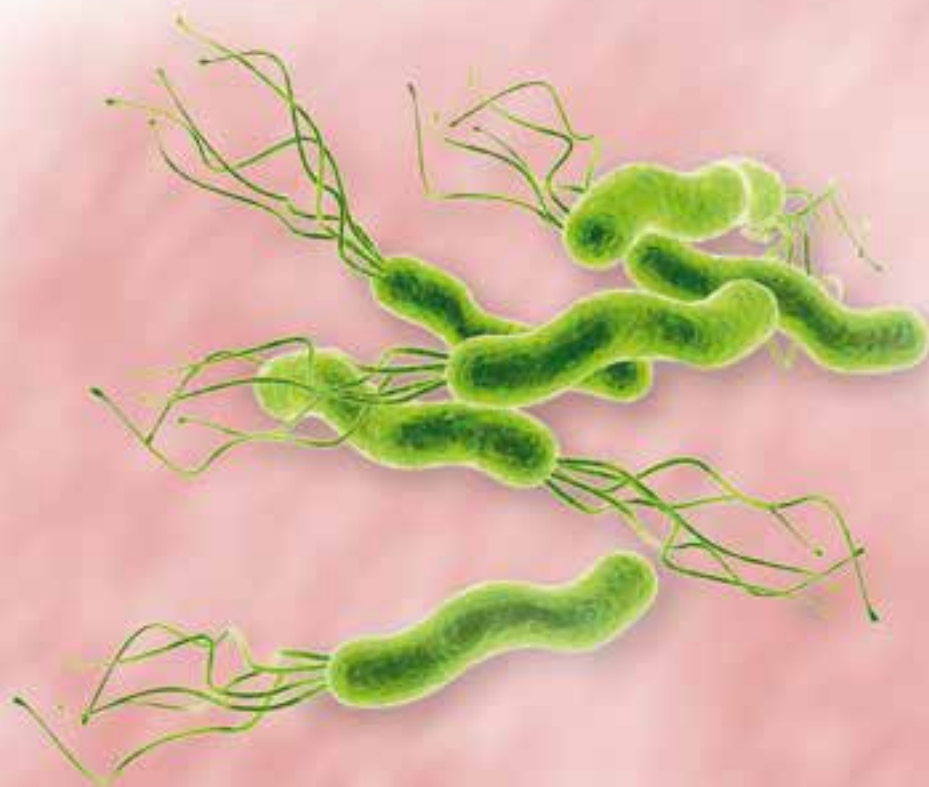


LIAISON[®] *H. pylori* IgG

Fully automated solution for specific
and accurate antibody detection



Infectious Disease

LIAISON® *H. pylori* IgG

Helicobacter pylori is one of the most common bacterial infections in humans, affecting nearly 50% of the world's population¹. *Helicobacter pylori* has been associated with the development of serious upper gastrointestinal (GI) conditions including chronic gastritis, peptic ulcer disease, gastric cancer², 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

LIAISON® <i>H. pylori</i> IgG	Reference Assay			Total
	Positive	Equivocal	Negative	
Positive	105	7	1	113
Equivocal	1	2	2	5
Negative	4	4	378	386
Total	110	13	381	504

Positive Agreement	(105/110) 95.5%	95% CI (90.4% - 98.4%)
Negative Agreement	(378/381) 99.2%	95% CI (97.9% - 99.8%)
Overall Agreement	(485/504) 96.2%	95% CI (94.3% - 97.7%)

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

- 1-Goh K-L, Chan W-K, Shiota S, Yamaoka Y. Epidemiology of *Helicobacter pylori* Infection and Public Health Implications. *Helicobacter* 2011;16(Suppl. 1):1-9.
- 2- Malfertheiner P, Megraud F, O'Morain C, Kuipers E, Bazzoli F, EL-Omar E, Graham D, Hunt R, Rokkas T, Vakil N, the European *Helicobacter* Study Group. Current concepts in the management of *Helicobacter pylori* infection. The Maastricht-32005 Consensus Report. *Gut* 2007;56:772-81.

AVAILABLE ON **LIAISON®** SYSTEMS

Product availability subject to required regulatory approval

DiaSorin

The Diagnostic Specialist

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