

GASTROPANEL®

quick test

Product information

- Sample: EDTA-plasma
- Test principle: immunological lateral-flow test for detecting GastroPanel biomarkers
- Kit components: test cassette, sample dilution tubes with buffer, instructions for use.
- Storage: +2-8 °C.
- Speed: results in 20 minutes.



Order information:

Cat. No.	Product
602320	GastroPanel® quick test, 30 tests
602330	GP Reader

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GASTROPANEL®

quick test

GastroPanel quick test for stomach health

GastroPanel quick test is the further development of the unique GastroPanel ELISA examination. GastroPanel quick test allows fast diagnosis of and screening for *Helicobacter pylori*, atrophic gastritis with related risks as well as high acid output of stomach in symptomatic and asymptomatic patients. The GastroPanel quick test speeds up the referral to further examinations. GastroPanel® findings - i) *Helicobacter pylori* infection, ii) atrophic gastritis or iii) high acid output are indications for gastroscopy and biopsy examination.

GastroPanel quick test is based on immunoassay method detecting GastroPanel biomarkers from EDTA-plasma (1,2). GastroPanel quick test enables first line diagnosis of dyspeptic patients and screening of both symptomatic and asymptomatic patients, easier than ever before.

Atrophic gastritis, due to *Helicobacter pylori* infection or autoimmune disease, results in an increased risk of gastric and esophageal cancer as well as malabsorption of vitamin B12, calcium, iron, zinc and magnesium (1-11).

GastroPanel quick test generates savings and improves patient safety

GastroPanel quick test saves costs, unnecessary clinical appointments and significantly improves the patient safety, as it speeds up the referral to further examinations, treatment and follow-up.

Test procedure

1. Collect venous blood into an EDTA-tube. Centrifuge the tube according to manufacturer's instructions to separate plasma.

2. Dispense plasma sample into the prefilled sample dilution tubes. Mix the tubes.



3. Take samples from the sample dilution tubes with the laboratory pipette and pipette into the cassette sample slots.



4. Measure the cassette after 15 minutes with the GP reader.



5. The results will be displayed and interpreted on the screen.



Literature

1. <https://www.biohithealthcare.com/additional-information>
2. Suovaniemi O. State of the art GastroPanel and Acetium innovations for the unmet need. <https://www.biohithealthcare.com/Scientific>.
3. <https://www.gastropanel.com/decision-makers/screening-model>
4. Varis K, Sipponen P, Laxén F, Samloff M, Huttunen JK, Taylor PR, Heinonen OP, Albanes D, Sande N, Virtamo J, Härkönen M & the Helsinki Gastritis Study Group. Implications of Serum Pepsinogen I in Early Endoscopic Diagnosis of Gastric Cancer and Dysplasia. *Scand J Gastroenterol* 2000;35:950-956.
5. Väänänen H, Vauhkonen M, Helske T, Kääriäinen I, Rasmussen M, Tunturi-Hinnala H, Koskenpato J, Sotka M, Turunen M, Sandström R, Ristikankare M, Jussila A, Sipponen P. Non-Endoscopic Diagnosis of Atrophic Gastritis with a Blood Test. Correlation between Gastric Histology and Serum Levels of Gastrin-17 and Pepsinogen I. A Multicentre Study. *Eur J Gastroenterol Hepatol* 2003; 15: 885-891.
6. Sipponen P, Graham DY. Importance of atrophic gastritis in diagnostics and prevention of gastric cancer: application of plasma biomarkers. *Scand. J. Gastroenterol.* 2007;42 (1);2-10.
7. Storskrubb T, Aro P, Ronkainen J, Sipponen P, Nyhlin H, Talley NJ, Engstrand L, Stolte M, Vieth M, Walker M and Agréus L. Serum biomarkers provide an accurate method for diagnosis of atrophic gastritis in a general population: The Kalixanda study. *Scand J Gastroenterol*, 2008; 43:1448-1455.
8. Agréus L, Kuipers EJ, Kupcinskis L, Malfertheiner P, Di Mario F, Leja M, Mahachai V, Yaron N, van Oijen M, Perez Perez G, Rugge M, Ronkainen J, Salaspuro M, Sipponen P, Sugano K, Sung J. Rationale in diagnosis and screening of atrophic gastritis with stomach-specific plasma biomarkers, *Scandinavian Journal of Gastroenterology* 2012; 47: 136-147
9. Syrjänen K. Role of serological biomarker testing [GastroPanel®] in diagnosis of symptomatic dyspepsia and in screening of the risks of stomach cancer. *EC Gastroenterol Digest Syst* 2017;1(6):209-222.
10. Aine R, Kahar E, Aitokari K, Salminen J, Eklund C, Paloheimo L, Peetsalu A, Syrjänen K. Atrophic gastritis (AG) and its clinical sequels among elderly people in Finland and Estonia. A comparative study using GastroPanel and B12-vitamin testing of the residents in assisted-housing facilities. *J Aging Res Clin Pract* 2016;5:194-202.
11. Vohlonen I, Pukkala E, Malila N, Härkönen M, Hakama M, Koistinen V, Sipponen P. (2016) Risk of gastric cancer in *Helicobacter pylori* infection in a 15-year follow-up. *Scandinavian Journal of Gastroenterology*, 51:10, 1159-1164, DOI:10.1080/00365521.2016.1183225, <http://dx.doi.org/10.1080/00365521.2016.1183225>