



GastroPanel® quick test NT for stomach health

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

GastroPanel quick test NT is based on an immunological method detecting GastroPanel biomarkers (pepsinogen I, pepsinogen II, gastrin-17, antibodies against *Helicobacter pylori*) from EDTA-plasma^{1,2} and finger prick whole blood. GastroPanel quick test NT enables the first-line diagnosis of dyspeptic patients and screening of both symptomatic and asymptomatic patients, easier than ever before.

H. pylori-induced or autoimmune atrophic gastritis increases the risk of gastric cancer as well as malabsorption of vitamin B12, calcium, iron, zinc and magnesium¹⁻¹¹. GastroPanel can therefore play an important role in the early detection and diagnosis of these conditions.

Ordering details:



REF	Product
602410	GastroPanel® quick test NT, 30 tests For plasma and venous whole blood
602420	GastroPanel® quick test NT, 30 tests For fingerprick whole blood
740450	GP Reader NT

Test procedure

1. Collect sample: Venous blood into an EDTA-tube. You may use the whole blood, or centrifuge the tube according to manufacturer's instructions to separate plasma. Make a dilution of 1:5 (80 µl of whole blood/plasma in 320 µl of diluent buffer).

Or Finger prick whole blood sample is collected from finger tip using safety lancet.



Collect 80 µl (2 x 40 µl) whole blood from a single finger prick using the provided sampling devices and add to the prefilled sample diluent tube.



2. Transfer 80 µl of diluted sample onto each of the sample windows.



3. Read the cassette after 15 minutes with the GP reader NT.



4. The results and interpretation will be displayed on the screen.



GastroPanel® quick test NT reduces costs, unnecessary clinical appointments and significantly improves patient safety.

Product information

Sample: EDTA-plasma, finger prick whole blood.

Test principle: immunological lateral-flow test for detecting GastroPanel biomarkers.

Kit components

Plasma and venous whole blood

- test cassette (pepsinogen I, pepsinogen II, gastrin-17, antibodies against *Helicobacter pylori*)
- sample diluent buffer
- instructions for use

Fingerprick whole blood

- test cassette
- safety lancet
- fingerprick sampling device
- predispensed sample diluent tubes
- transfer pipette
- test cassette (pepsinogen I, pepsinogen II, gastrin-17, antibodies against *Helicobacter pylori*)
- instructions for use



Storage: +2-30 °C.

Speed: results in 20 minutes.



Not available in the United States. In Japan for research use only.
Check availability for other markets.

Literature

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10. Syrjänen, K., Eskelinen, M., Peetsalu, A., Sillakivi, T., Sipponen, P., Härkönen, M., Paloheimo, L., Mäki, M., Tiusanen, T., Suovaniemi, O., DiMario, F. and Fan, ZP. GastroPanel® Biomarker Panel: The most comprehensive test for *Helicobacter pylori* infection and its clinical sequelae. A critical review. *Anticancer Res.* 2019;39:1091-1104.
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