FAST

SENSITIVE

RELIABLE

VitaLab

Reference <<<

Serum pepsinogen and gastric cancer screening.

Pepsinogen II

Pepsinogen I and II expressions in situ and their correlations with serum pesignogen levels in gastric cancer and its precancerous disease

Pepsinogen C expression, regulation and its relationship with cancer

Low Levels of Pepsinogen I and Pepsinogen I/II Ratio are Valuable Serologic Markers for Predicting Extensive Gastric Corpus Atrophy in Patients Undergoing Endoscopic Mucosectomy

Serum Pepsinogen I, Pepsinogen II, and Gastrin 17 in Relatives of Gastric Cancer Patients: Comparative Study With Type and Severity of Gastritis

PGI/PGII Test Kit

(Dry Fluorescence Immunoassay)

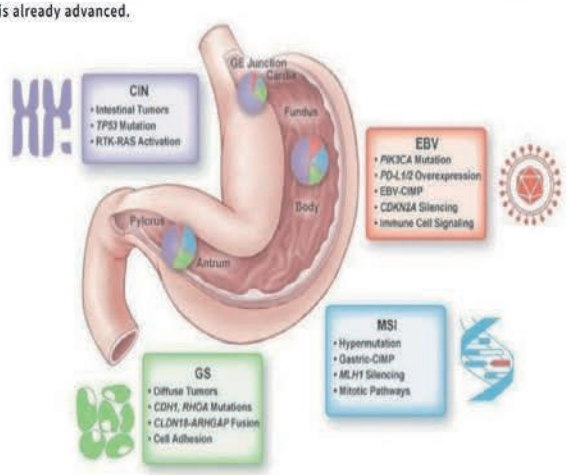
CE IVD

Pepsinoen I (PGI) and Pepsinogen II (PGII) are main progastricsins in the stomach, which closely reflects functional and morphological changes of gastric mucosa.

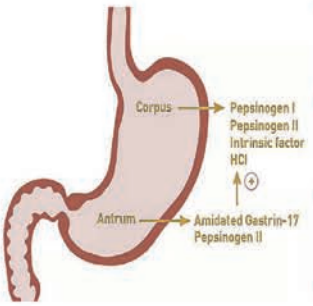
Serum pepsinogen(PG)I/II ratio has been widely used as "serological biopsy" for the screening of gastric cancer (GC) and atrophic gastritis (GA).

> "Pepsinoen I (PGI) and Pepsinogen II (PGII) test of GA and GC cases."

Gastric cancer (GC) is a complex disease linked to a series of environmental factors and unhealt lifestyle habits, and especially to genetic alterations. GC represents the second leading cause cancer-related deaths worldwide. Its onset is subtle, and the majority of patients are diagnosed once t cancer is already advanced.



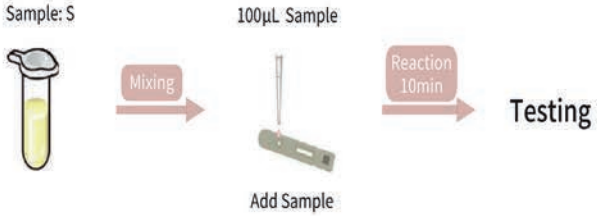
Clinical significance of PGI/PGII Test



- Screening for pepsinogen and **Helicobacter pylori (HP) infection**
- Differentiation between pepsinogen and **gastric ulcer**
- Detection of pepsinogen and **superficial gastritis**
- Pepsinogen and **gastric cancer** screening

- The in situ levels of PGI, PGII and PGI/II ratio sharply decreased in the GA and GC cases.
- At present, when PG I ⩽ 70ng / ml, especially when PG I / PG II ratio < 3, it indicates the existen of chronic atrophic gastritis or high-risk population of intestinal type gastric cancer.

Steps of Operation



Interpretation of Result

PGI/PGII	Measuring Range	PG I : 10-160ng/ml
	Reference Range	PG I > 76ng/mL PG I /PG II > 3