



# Pepsinogen II Antigen (PGII Ag) (DAG-WT114)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Conjugate	Unconjugated
Applications	Immunogen/Calibrators/Control
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	Tris-HCl, pH8.5
Preservative	None
Storage	Below -20 °C (up to 3 Years). Avoid repeat freeze thaw cycles.

## BACKGROUND

Introduction	Pepsinogen is a powerful and abundant protein digestive enzyme secreted by the gastric chief cells as a proenzyme and then converted by gastric acid in the gastric lumen to the active enzyme pepsin. Pepsinogen I is secreted by the chief cells and mucus neck cells in the fundus of the stomach, and pepsinogen II throughout the stomach and proximal duodenum. A decrease in serum levels of pepsinogen I and in the I/II ratio has been shown to be a good measure of gastric atrophy.
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