



# Pepsinogen I Antigen (PGI Ag) (DAG-WT113)

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

## PRODUCT INFORMATION

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

## BACKGROUND

<b>Introduction</b>	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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