

Gamma-Glutamyl Transpeptidase Active Protein

Gamma-Glutamyl Transpeptidase protein (Porcine)

CATALOG # AAA224516	HOST Porcine Kidney	REACTIVITY Pig
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PRODUCT SYNONYMS

Gamma-Glutamyl Transpeptidase; Gamma-Glutamyl Transpeptidase protein (Porcine); Y-glutamyltransferase protein; GGT protein; GGTP protein; gamma-GT protein; Gamma-glutamyl transpeptidase protein; Gamma-Glutamyl Transpeptidase active protein

PRODUCT SPECIFICATIONS

Host	Porcine Kidney
Reactivity	Pig
Form/Format	Lyophilized from tris-acetate, pH 8.0. Centrifuge before reconstitution to ensure complete recovery.
Concentration	1 KU, lyophilized 13 units/mg (varies by lot)
Protein Type	Native
Biological Significance	Gamma-glutamyltransferase is an enzyme that transfers gamma-glutamyl functional groups. It is found in many tissues, the most notable one being the liver, and has significance in medicine as a marker. GGT catalyzes the transfer of the gamma-glutamyl moiety of glutathione to an acceptor that may be an amino acid, a peptide or water (forming glutamate). GGT plays a key role in the gamma-glutamyl cycle, a pathway for the synthesis and degradation of glutathione and drug and xenobiotic detoxification.
Bioactivity	> 15 units/mg at 37 degree C
Contaminants	ALKP <2% CK <0.1% GLDH <0.1% LDH <0.1 AST/SGOT <1% ALT/SGPT <0.1% Protease <0.01%
Protein	0.46mg protein/mg
Specific Activity	28 units/mg protein
Preparation and Storage	Upon receipt store at -20°C.

ADDITIONAL INFORMATION

Product Categories/Family for Gamma-Glutamyl Transpeptidase active protein	Proteases; Inhibitors; & Enzymes; Native Protein
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/porcine-kidney-pig-active-protein/gamma-glutamyl-transpeptidase/224516>