

Human gamma-glutamyltransferase 1 ELISA Kit | GGT1 elisa kit

Human gamma glutamyl transpeptidase, GGT ELISA Kit

CATALOG #
AAA80698

REACTIVITY
Human

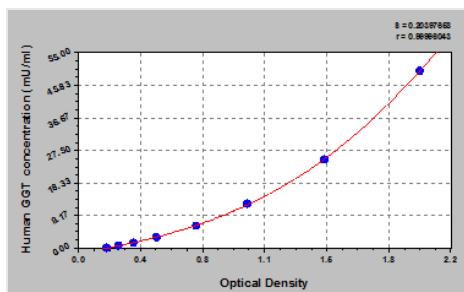
PRODUCT SYNONYMS

gamma-glutamyltransferase 1; Human gamma glutamyl transpeptidase; GGT ELISA Kit; CD224; D22S672; D22S732; GGT; GTG; MGC96892; MGC96904; MGC96963; OTTHUMP00000028921; OTTHUMP00000159078; gamma-glutamyl transpeptidase; glutamyl transpeptidase; GGT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GGT. No significant cross-reactivity or interference between human GGT and analogues was observed.
Sequence Length	569
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.78 mU/ml-50 mU/ml
Sensitivity	< 0.195 mU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GGT1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GGT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GGT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GGT is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GGT bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	572152963
NCBI GeneID	2678
NCBI Accession #	NP_001275762.1
NCBI GenBank Nucleotide #	NM_001288833.1
UniProt Accession #	P19440; Q08247; Q14404; Q8TBS1; Q9UMK1
Molecular Weight	61,410 Da
NCBI Official Full Name	gamma-glutamyltranspeptidase 1
NCBI Official Synonym Full Names	gamma-glutamyltransferase 1
NCBI Official Symbol	GGT1
NCBI Official Synonym Symbols	GGT; GTG; CD224; GGT 1; D22S672; D22S732
NCBI Protein Information	gamma-glutamyltranspeptidase 1; glutathione hydrolase 1; leukotriene-C4 hydrolase
UniProt Protein Name	Gamma-glutamyltranspeptidase 1
UniProt Gene Name	GGT1
UniProt Synonym Gene Names	GGT; GGT 1
UniProt Entry Name	GGT1_HUMAN

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/ggt1-human-elisa-kits/gamma-glutamyltransferase-1/80698>