

Human gamma-glutamyltransferase 2 ELISA Kit | GGT2 elisa kit

Human Gamma-glutamyltranspeptidase 2, GGT2 ELISA Kit

CATALOG #
AAA112331

REACTIVITY
Human

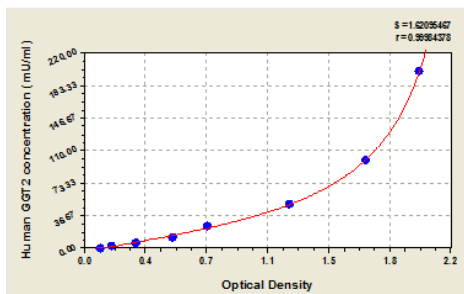
PRODUCT SYNONYMS

gamma-glutamyltransferase 2; Human Gamma-glutamyltranspeptidase 2; GGT2 ELISA Kit; Human Gamma-glutamyltranspeptidase 2 (GGT2) ELISA kit; GGT3; ; GGT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GGT2. No significant cross-reactivity or interference between human GGT2 and analogues was observed.
Sequence Length	569
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	3.12 mU/ml-200 mU/ml.
Sensitivity	The minimum detectable dose of human GGT2 is typically less than 0.78 mU/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 GGT2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GGT2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GGT2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GGT2 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 GGT2 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 #	189047137
NCBI GeneID	728441
UniProt Accession #	P36268
Molecular Weight	61,771 Da
NCBI Official Full Name	Inactive gamma-glutamyltranspeptidase 2
NCBI Official Synonym Full Names	gamma-glutamyltransferase 2
NCBI Official Symbol	GGT2
NCBI Official Synonym Symbols	GGT; GGT 2
NCBI Protein Information	inactive gamma-glutamyltranspeptidase 2; gamma-glutamyltransferase 2; glutathione hydrolase 2
UniProt Protein Name	Inactive gamma-glutamyltranspeptidase 2
UniProt Gene Name	GGT2
UniProt Synonym Gene Names	GGT 2
UniProt Entry Name	GGT2_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/ggt2-human-elisa-kits/gamma-glutamyltransferase-2/112331>