

Rat gamma-glutamyltransferase 1 ELISA Kit | GGT1 elisa kit

Rat Gamma-glutamyltranspeptidase 1, GGT1 ELISA Kit

CATALOG #
AAA18199

REACTIVITY
Rat

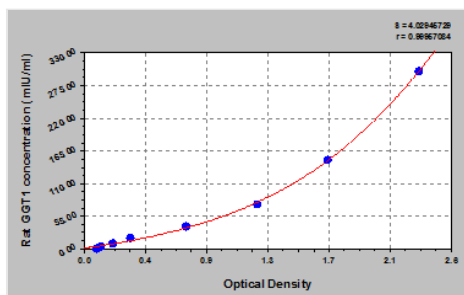
PRODUCT SYNONYMS

gamma-glutamyltransferase 1; Rat Gamma-glutamyltranspeptidase 1; GGT1 ELISA Kit; Rat Gamma-glutamyltranspeptidase 1 (GGT1) ELISA kit; CD224; D22S672; D22S732; GGT; GTG; MGC96892; MGC96904; MGC96963; OTTHUMP00000028921; OTTHUMP00000159078; gamma-glutamyl transpeptidase; glutamyl transpeptidase; GGT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of human GFAP. No significant cross-reactivity or interference between human GFAP and analogues was observed.
Sequence Length	568
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 ng/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



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 GFAP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GFAP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GFAP 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 GFAP 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 #	145280505
NCBI GeneID	116568
NCBI Accession #	NP_446292.2
NCBI GenBank Nucleotide #	NM_053840.2
UniProt Accession #	P07314; Q63217; Q63218; Q6AZ32
Molecular Weight	61,610 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; Ggtp; GGLUT
NCBI Protein Information	gamma-glutamyltranspeptidase 1; GGT 1; glutathione hydrolase 1; leukotriene-C4 hydrolase; gamma glutamyl-transferase 1; gamma-glutamyl transpeptidase
UniProt Protein Name	Gamma-glutamyltranspeptidase 1
UniProt Gene Name	Ggt1
UniProt Synonym Gene Names	Ggt; GGT 1
UniProt Entry Name	GGT1_RAT

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-rat-elisa-kits/gamma-glutamyltransferase-1/18199>