

Mouse Gamma-Glutamyltransferase 1 (gGT1) ELISA Kit | gGT1 elisa kit

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CATALOG # AAA63866	REACTIVITY Mouse
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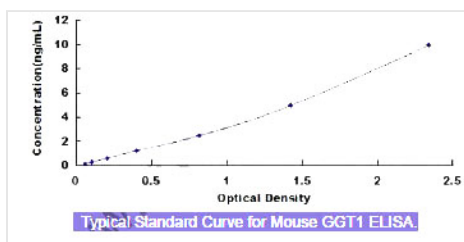
PRODUCT SYNONYMS

Gamma-Glutamyltransferase 1 (gGT1); Mouse Gamma-Glutamyltransferase 1 (gGT1) ELISA Kit; CD224; G-GT1; GTG; Gamma-glutamyltranspeptidase 1; Glutathione hydrolase 1; Leukotriene-C4 hydrolase; gGT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of GGT1. No significant cross-reactivity or interference between GGT1 and analogues was observed.
Sequence Length	568
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.056ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GGT1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GGT1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for gGT1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GGT1 in mouse serum, plasma, tissue homogenates, cell lysates, and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GGT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GGT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GGT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of GGT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	807201132
NCBI GeneID	14598
NCBI Accession #	NP_001292921.1
NCBI GenBank Nucleotide #	NM_001305992.1
UniProt Accession #	Q60928
Molecular Weight	61,563 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; dwg; Ggtp; CD224; GGT 1; GGT-1
NCBI Protein Information	gamma-glutamyltranspeptidase 1
UniProt Protein Name	Gamma-glutamyltranspeptidase 1
UniProt Gene Name	Ggt1
UniProt Synonym Gene Names	Ggt; Ggtp; GGT 1

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/mouse-elisa-kits/gamma-glutamyltransferase-1-ggt1/63866>