

Rat Microsomal Glutathione S Transferase 1 (MGST1) RTU ELISA Kit | MGST1 rtu elisa kit

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CATALOG #
AAA217024

REACTIVITY
Rat

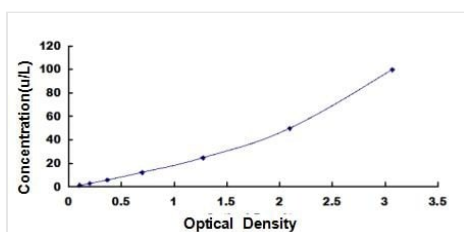
PRODUCT SYNONYMS

Microsomal Glutathione S Transferase 1 (MGST1); Rat Microsomal Glutathione S Transferase 1 (MGST1) ELISA Kit; GST12 MGST-I; MGST1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	155
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	1.56-100U/L
Sensitivity	1U/L
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MGST1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MGST1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MGST1. 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 MGST1, 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 $\pm$ 10nm. The concentration of MGST1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31981068
NCBI GeneID	56615
NCBI Accession #	NP_064330.2
NCBI GenBank Nucleotide #	NM_019946.5
UniProt Accession #	Q91VS7; Q9CQ57; Q9R191
Molecular Weight	17,552 Da
NCBI Official Full Name	microsomal glutathione S-transferase 1 isoform 1
NCBI Official Synonym Full Names	microsomal glutathione S-transferase 1
NCBI Official Symbol	Mgst1
NCBI Official Synonym Symbols	Gst; 1500002K10Rik
NCBI Protein Information	microsomal glutathione S-transferase 1
UniProt Protein Name	Microsomal glutathione S-transferase 1
UniProt Gene Name	Mgst1
UniProt Synonym Gene Names	Microsomal GST-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-rtu-elisa-kits/microsomal-glutathione-s-transferase-1-mgst1/217024>