

Human Glutathione S-transferase Mu 1 (GSTM1) ELISA Kit | GSTM1 elisa kit

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CATALOG # AAA44306	REACTIVITY Human
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PRODUCT SYNONYMS

Glutathione S-transferase Mu 1 (GSTM1); Human Glutathione S-transferase Mu 1 (GSTM1) ELISA Kit; GSTM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	181
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40mU/ml
Sensitivity	0.053mU/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSTM1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human GSTM1 antibody. GSTM1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human GSTM1 Antibody is added and binds to GSTM1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GSTM1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human GSTM1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Glutathione S-transferase Mu 1 (also known as GSTM1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18645139
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NCBI GeneID	2944
Molecular Weight	21,253 Da
NCBI Official Full Name	Glutathione S-transferase mu 1
NCBI Official Synonym Full Names	glutathione S-transferase mu 1
NCBI Official Symbol	GSTM1
NCBI Official Synonym Symbols	MU; H-B; GST1; GTH4; GTM1; MU-1; GSTM1-1; GSTM1a-1a; GSTM1b-1b
NCBI Protein Information	glutathione S-transferase Mu 1
UniProt Protein Name	Glutathione S-transferase Mu 1
UniProt Gene Name	GSTM1
UniProt Synonym Gene Names	GST1

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/human-elisa-kits/glutathione-s-transferase-mu-1-gstm1/44306>