

Human Glutathione S Transferase Alpha 1 (GSTa1) RTU ELISA Kit | GSTa1 rtu elisa kit

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CATALOG #
AAA71048

REACTIVITY
Human

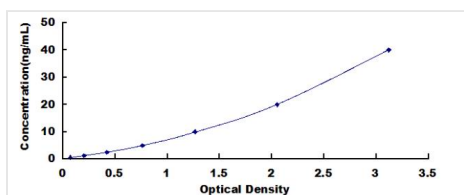
PRODUCT SYNONYMS

Glutathione S Transferase Alpha 1 (GSTa1); Human Glutathione S Transferase Alpha 1 (GSTa1) ELISA Kit; GSTA1; GST2; GSTA1-1; GTH1; GST class-alpha member 1; GST HA subunit 1; GST-epsilon; Glutathione S-transferase A1; N-terminally processed; GSTa1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	222
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.625-40ng/mL
Sensitivity	0.265ng/mL
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 GSTa1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GSTa1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GSTa1. 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 GSTa1, 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 GSTa1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22091454
NCBI GeneID	2938
NCBI Accession #	NP_665683.1
NCBI GenBank Nucleotide #	NM_145740.4
UniProt Accession #	P08263; Q14750; Q5GHF8; Q5SZC1
Molecular Weight	25,631 Da
NCBI Official Full Name	glutathione S-transferase A1 isoform 1
NCBI Official Synonym Full Names	glutathione S-transferase alpha 1
NCBI Official Symbol	GSTA1
NCBI Official Synonym Symbols	GST2; GTH1; GSTA1-1; GST-epsilon
NCBI Protein Information	glutathione S-transferase A1
UniProt Protein Name	Glutathione S-transferase A1
UniProt Gene Name	GSTA1

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-rtu-elisa-kits/glutathione-s-transferase-alpha-1-gsta1/71048>