

Rat Glutathione (GSH) ELISA Kit | GSH elisa kit

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CATALOG #
AAA12858

REACTIVITY
Rat

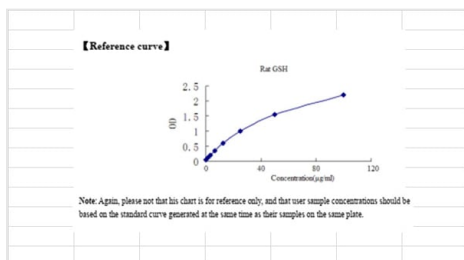
PRODUCT SYNONYMS

Glutathione (GSH); Rat Glutathione (GSH) ELISA Kit; GSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	191
Assay Type	Sandwich
Detection Range	100 ug/mL-1.56 ug/mL
Sensitivity	Up to 0.5 ug/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSH elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat GSH monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215277000
NCBI GeneID	2946

NCBI Accession #	NP_001135840.1
NCBI GenBank Nucleotide #	NM_001142368.1
Molecular Weight	22,644 Da
NCBI Official Full Name	glutathione S-transferase Mu 2 isoform 2
NCBI Official Synonym Full Names	glutathione S-transferase mu 2 (muscle)
NCBI Official Symbol	GSTM2
NCBI Official Synonym Symbols	GST4; GSTM; GTHMUS; GSTM2-2
NCBI Protein Information	glutathione S-transferase Mu 2; GST, muscle; GST class-mu 2; glutathione S-transferase 4; glutathione S-transferase M1; glutathione S-aryltransferase M2; glutathione S-alkyltransferase M2; glutathione S-aralkyltransferase M2; S-(hydroxyalkyl)glutathione lyase M2; glutathione S-transferase M2 (muscle)
UniProt Protein Name	Glutathione S-transferase Mu 2
UniProt Gene Name	GSTM2
UniProt Synonym Gene Names	GST4
UniProt Entry Name	GSTM2_HUMAN

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/rat-elisa-kits/glutathione-gsh/12858>