

Sheep Glutathione S Transferase Theta 2 ELISA Kit | GSTt2 elisa kit

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CATALOG # AAA92663	REACTIVITY Sheep
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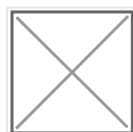
PRODUCT SYNONYMS

Glutathione S Transferase Theta 2; Sheep Glutathione S Transferase Theta 2 ELISA Kit; GSTt2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This GSTT2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep GSTT2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSTt2 elisa kit	Principle of the Assay: GSTT2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GSTT2 antibody and an GSTT2-HRP conjugate. The assay sample and buffer are incubated together with GSTT2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GSTT2 concentration since GSTT2 from samples and GSTT2-HRP conjugate compete for the anti-GSTT2 antibody binding site. Since the number of sites is limited, as more sites are occupied by GSTT2 from the sample, fewer sites are left to bind GSTT2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GSTT2 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	215276987
NCBI GeneID	2939
NCBI Accession #	NP_000837.3
NCBI GenBank Nucleotide #	NM_000846.4
Molecular Weight	25,664 Da

NCBI Official Full Name	glutathione S-transferase A2
NCBI Official Synonym Full Names	glutathione S-transferase alpha 2
NCBI Official Symbol	GSTA2
NCBI Official Synonym Symbols	GST2; GTA2; GTH2; GSTA2-2
NCBI Protein Information	glutathione S-transferase A2; GST-gamma; liver GST2; GST HA subunit 2; GST class-alpha member 2; glutathione S-aryltransferase A2; glutathione S-alkyltransferase A2; glutathione S-aralkyltransferase A2; S-(hydroxyalkyl)glutathione lyase A2
UniProt Protein Name	Glutathione S-transferase A2
UniProt Gene Name	GSTA2
UniProt Synonym Gene Names	GST2
UniProt Entry Name	GSTA2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gstt2-sheep-elisa-kits/glutathione-s-transferase-theta-2/92663>