

Sheep Glycolipid Transfer Protein ELISA Kit | GLTP elisa kit

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CATALOG #
AAA93834

REACTIVITY
Sheep

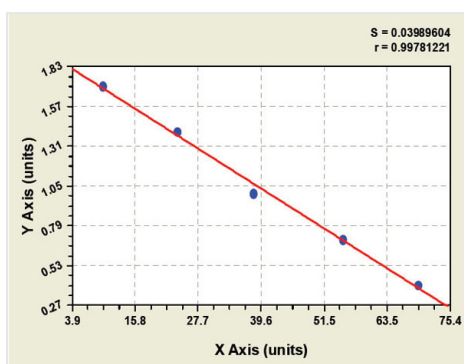
PRODUCT SYNONYMS

Glycolipid Transfer Protein; Sheep Glycolipid Transfer Protein ELISA Kit; GLTP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This GLTP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep GLTP. 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 GLTP elisa kit

Principle of the Assay: GLTP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GLTP antibody and an GLTP-HRP conjugate. The assay sample and buffer are incubated together with GLTP-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 GLTP concentration since GLTP from samples and GLTP-HRP conjugate compete for the anti-GLTP antibody binding site. Since the number of sites is limited, as more sites are occupied by GLTP from the sample, fewer sites are left to bind GLTP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GLTP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705987
NCBI GeneID	51228
NCBI Accession #	NP_057517.1
NCBI GenBank Nucleotide #	NM_016433.3
Molecular Weight	23,850 Da
NCBI Official Full Name	glycolipid transfer protein
NCBI Official Synonym Full Names	glycolipid transfer protein
NCBI Official Symbol	GLTP
NCBI Protein Information	glycolipid transfer protein; truncated glycolipid transfer protein
UniProt Protein Name	Glycolipid transfer protein
UniProt Gene Name	GLTP
UniProt Synonym Gene Names	GLTP
UniProt Entry Name	GLTP_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/gltip-sheep-elisa-kits/glycolipid-transfer-protein/93834>