

Sheep Glycophosphatidylinositol ELISA Kit | GPI elisa kit

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CATALOG #
AAA89845

REACTIVITY
Sheep

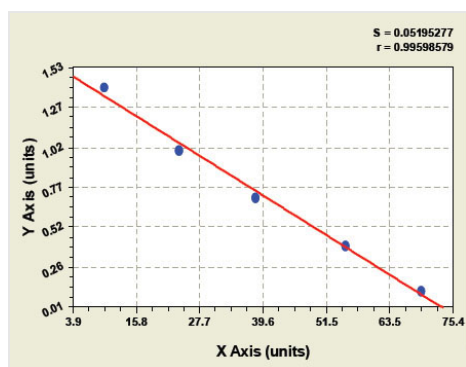
PRODUCT SYNONYMS

Glycophosphatidylinositol; Sheep Glycophosphatidylinositol ELISA Kit; GPI 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.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPI elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

1. INTENDED USE This GPI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep GPI. This ELISA kit for research use only
2. PRINCIPLE OF THE ASSAY GPI ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GPI antibody and an GPI-HRP conjugate. The assay sample and buffer are incubated together with GPI-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 GPI concentration since GPI from samples and GPI-HRP conjugate compete for the anti-GPI antibody binding site. Since the number of sites is limited, as more sites are occupied by GPI from the sample, fewer sites are left to bind GPI-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GPI concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30065721
NCBI GeneID	1260615
NCBI Accession #	NP_839866.1
NCBI GenBank Nucleotide #	NC_004745.1
Molecular Weight	19,653 Da
NCBI Official Full Name	gpl
NCBI Official Symbol	I
NCBI Protein Information	baseplate assembly protein; gpl
UniProt Protein Name	Gpl
UniProt Gene Name	I
UniProt Entry Name	Q858V5_9CAUD

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://www.aaabiotech.com/gpi-sheep-elisa-kits/glycophosphatidylinositol/89845>