

Sheep Glypican 2 ELISA Kit | GPC2 elisa kit

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CATALOG #
AAA92063

REACTIVITY
Sheep

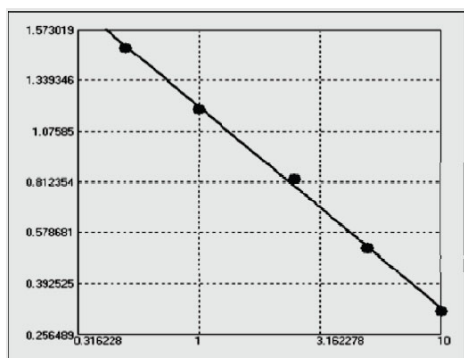
PRODUCT SYNONYMS

Glypican 2; Sheep Glypican 2 ELISA Kit; GPC2 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 GPC2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep GPC2. 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 GPC2 elisa kit

Principle of the assay: GPC2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GPC2 antibody and an GPC2-HRP conjugate. The assay sample and buffer are incubated together with GPC2-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 GPC2 concentration since GPC2 from samples and GPC2-HRP conjugate compete for the anti-GPC2 antibody binding site. Since the number of sites is limited, as more sites are occupied by GPC2 from the sample, fewer sites are left to bind GPC2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GPC2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GPC2 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	22749459
NCBI GeneID	221914
NCBI Accession #	NP_689955.1
NCBI GenBank Nucleotide #	NM_152742.1
Molecular Weight	62,830 Da
NCBI Official Full Name	glypican-2
NCBI Official Synonym Full Names	glypican 2
NCBI Official Symbol	GPC2
NCBI Protein Information	glypican-2; cerebroglycan; glypican proteoglycan 2, cerebroglycan proteoglycan
UniProt Protein Name	Glypican-2
UniProt Gene Name	GPC2
UniProt Entry Name	GPC2_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/gpc2-sheep-elisa-kits/glypican-2/92063>