

Monkey Glypican 1 ELISA Kit | GPC1 elisa kit

Monkey Glypican 1 ELISA Kit

CATALOG #
AAA93071

REACTIVITY
Monkey

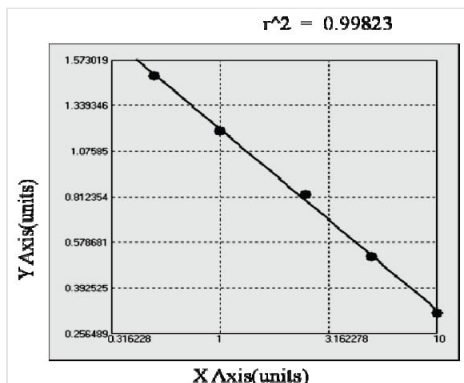
PRODUCT SYNONYMS

Glypican 1; Monkey Glypican 1 ELISA Kit; GPC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPC1 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate Intended Use This GPC1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey GPC1. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY GPC1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GPC1 antibody and an GPC1-HRP conjugate. The assay sample and buffer are incubated together with GPC1-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 GPC1 concentration since GPC1 from samples and GPC1-HRP conjugate compete for the anti-GPC1 antibody binding site. Since the number of sites is limited, as more sites are occupied by GPC1 from the sample, fewer sites are left to bind GPC1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GPC1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GPC1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	167001141
NCBI GeneID	2817
NCBI Accession #	NP_002072.2
NCBI GenBank Nucleotide #	NM_002081.2
Molecular Weight	31,931 Da
NCBI Official Full Name	glypican-1
NCBI Official Synonym Full Names	glypican 1
NCBI Official Symbol	GPC1
NCBI Official Synonym Symbols	glypican
NCBI Protein Information	glypican-1; glypican proteoglycan 1
UniProt Protein Name	Glypican-1
UniProt Gene Name	GPC1
UniProt Entry Name	GPC1_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.