Human glypican 1 ELISA Kit | GPC1 elisa kit

Human glypican 1, GPC1 ELISA Kit

CATALOG #	REACTIVITY
AAA112598	**Human**

PRODUCT SYNONYMS

glypican 1; Human glypican 1; GPC1 ELISA Kit; Human glypican 1 (GPC1) ELISA kit; FLJ38078; glypican; glypican proteoglycan 1; GPC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GPC1. No significant cross-reactivity or interference between human GPC1 and analogues was observed.
Sequence Length	558
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPC1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GPC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPC1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GPC1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167001141

NCBI GeneID	2817
NCBI Accession #	NP_002072.2
NCBI GenBank Nucleotide #	NM_002081.2
UniProt Accession #	P35052; Q53QM4; B3KTD1
Molecular Weight	61,680 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.

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Online datasheet: https://stage.aaabiotech.com/gpc1-human-elisa-kits/glypican-1/112598