

Human glypican 6 ELISA Kit | GPC6 elisa kit

Human glypican 6, GPC6 ELISA Kit

CATALOG #
AAA112289

REACTIVITY
Human

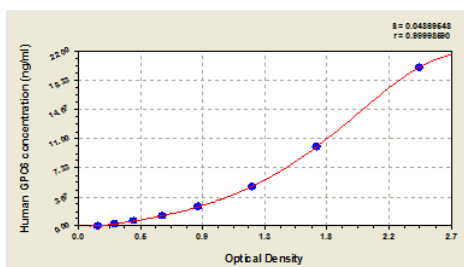
PRODUCT SYNONYMS

glypican 6; Human glypican 6; GPC6 ELISA Kit; Human glypican 6 (GPC6) ELISA kit; MGC126288; OMIMD1; glypican proteoglycan 6; GPC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GPC6. No significant cross-reactivity or interference between human GPC6 and analogues was observed.
Sequence Length	555
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0. 312 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of human GPC6 is typically less than 0.078 ng/ml.The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 GPC6 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GPC6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPC6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPC6 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 GPC6 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031719
NCBI GeneID	10082
NCBI Accession #	NP_005699.1
NCBI GenBank Nucleotide #	NM_005708.3
UniProt Accession #	Q9Y625; Q96SG5; Q96SG8; Q9H1P4; A8K279
Molecular Weight	62,736 Da
NCBI Official Full Name	glypican-6
NCBI Official Synonym Full Names	glypican 6
NCBI Official Symbol	GPC6
NCBI Official Synonym Symbols	OMIMD1
NCBI Protein Information	glypican-6; glypican proteoglycan 6
UniProt Protein Name	Glypican-6
UniProt Gene Name	GPC6
UniProt Synonym Gene Names	UNQ369/PRO705
UniProt Entry Name	GPC6_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/gpc6-human-elisa-kits/glypican-6/112289>