

Human glypican 5 ELISA Kit | GPC5 elisa kit

Human glypican 5, GPC5 ELISA Kit

CATALOG #
AAA112953

REACTIVITY
Human

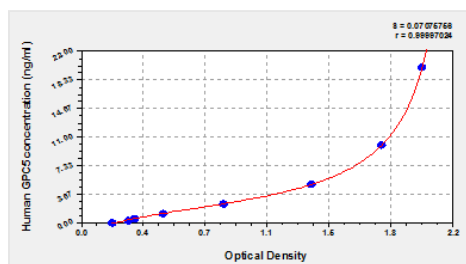
PRODUCT SYNONYMS

glypican 5; Human glypican 5; GPC5 ELISA Kit; Human glypican 5 (GPC5) ELISA kit; bA93M14.1; glypican proteoglycan 5; GPC5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GPC5. No significant cross-reactivity or interference between Human GPC5 and analogues was observed.
Sequence Length	572
Assay Type	Sandwich
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 GPC5 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GPC5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPC5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPC5 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 GPC5 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758464
NCBI GeneID	2262
NCBI Accession #	NP_004457.1
NCBI GenBank Nucleotide #	NM_004466.5
UniProt Accession #	P78333; O60436; Q9BX27; B2R726
Molecular Weight	63,707 Da
NCBI Official Full Name	glypican-5
NCBI Official Synonym Full Names	glypican 5
NCBI Official Symbol	GPC5
NCBI Protein Information	glypican-5; bA93M14.1; glypican proteoglycan 5
UniProt Protein Name	Glypican-5
UniProt Gene Name	GPC5
UniProt Entry Name	GPC5_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/gpc5-human-elisa-kits/glypican-5/112953>