

Human glypican 3 ELISA Kit | GPC3 elisa kit

Human Glypican-3, GPC-3 ELISA Kit

CATALOG #
AAA15273

REACTIVITY
Human

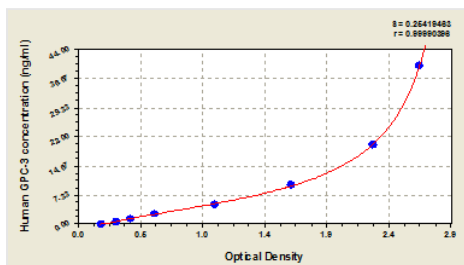
PRODUCT SYNONYMS

glypican 3; Human Glypican-3; GPC-3 ELISA Kit; AC002420.1; DGSX; GTR2-2; MXR7; OCI-5; SDYS; SGB; SGBS; SGBS1; glypican proteoglycan 3; heparan sulphate proteoglycan; intestinal protein OCI-5; secreted glypican-3; GPC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GPC-3. No significant cross-reactivity or interference between human GPC-3 and analogues was observed.
Sequence Length	603
Samples	Serum, urine, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	<0.156 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 GPC3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GPC-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPC-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPC-3 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 GPC-3 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 #	257471006
NCBI GeneID	2719
NCBI Accession #	NP_001158089.1
NCBI GenBank Nucleotide #	NM_001164617.1
UniProt Accession #	P51654; Q2L880; Q2L882; C9JLE3; G3V1R0
Molecular Weight	65,563 Da
NCBI Official Full Name	glypican-3 isoform 1
NCBI Official Synonym Full Names	glypican 3
NCBI Official Symbol	GPC3
NCBI Official Synonym Symbols	SGB; DGSX; MXR7; SDYS; SGBS; OCI-5; SGBS1; GTR2-2
NCBI Protein Information	glypican-3; secreted glypican-3; glypican proteoglycan 3; intestinal protein OCI-5; heparan sulphate proteoglycan
UniProt Protein Name	Glypican-3
UniProt Gene Name	GPC3
UniProt Synonym Gene Names	OCI5
UniProt Entry Name	GPC3_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/gpc3-human-elisa-kits/glypican-3/15273>