

Human Glypican-3 ELISA Kit | GPC3 elisa kit

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CATALOG #
AAA102134

REACTIVITY
Human

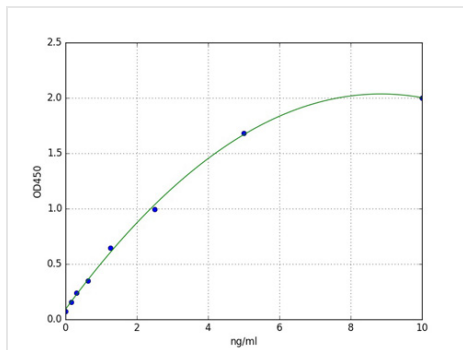
PRODUCT SYNONYMS

Glypican-3; Human Glypican-3 ELISA Kit; GPC3 (Glypican 3)/DGSX/glypican proteoglycan 3/Glypican-3/GTR2-2/heparan sulphate proteoglycan/Intestinal protein OCI-5/MXR7/OCI5/OCI-5/secreted glypican-3/SGB/SGBS/SGBS1SDYS; GPC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	597
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human GPC3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.030	0.088	0.125	0.219	0.417	0.704	1.309	2.100

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPC3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human GPC3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GPC3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human GPC3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GPC3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6980976
NCBI GeneID	25236
NCBI Accession #	NP_036906.1
NCBI GenBank Nucleotide #	NM_012774.1
Molecular Weight	67,049 Da
NCBI Official Full Name	glypican-3
NCBI Official Synonym Full Names	glypican 3
NCBI Official Symbol	Gpc3
NCBI Official Synonym Symbols	OCI-5
NCBI Protein Information	glypican-3
UniProt Protein Name	Glypican-3
UniProt Gene Name	Gpc3
UniProt Entry Name	GPC3_RAT

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-3/102134>