

Rat glypican 3 ELISA Kit | GPC3 elisa kit

Rat Glypican-3, GPC3 ELISA Kit

CATALOG #
AAA112700

REACTIVITY
Rat

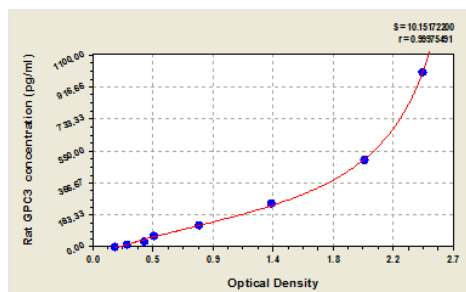
PRODUCT SYNONYMS

glypican 3; Rat Glypican-3; GPC3 ELISA Kit; Rat Glypican-3 (GPC3) 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GPC3. No significant cross-reactivity or interference between Rat GPC3 and analogues was observed.
Sequence Length	597
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
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 GPC3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GPC3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPC3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPC3 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 GPC3 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 #	6980976
NCBI GeneID	25236
NCBI Accession #	NP_036906.1
NCBI GenBank Nucleotide #	NM_012774.1
UniProt Accession #	P13265; Q5U326
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; proteoglycan GPC3; intestinal protein OCI-5; defective in Simpson-Golabi-Behmel overgrowth syndrome
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-rat-elisa-kits/glypican-3/112700>