

Human Glypican-4 ELISA Kit | GPC4 elisa kit

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CATALOG #
AAA195137

REACTIVITY
Human

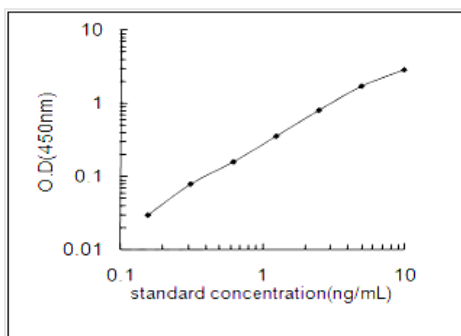
PRODUCT SYNONYMS

Glypican-4; Human Glypican-4 ELISA Kit; K-glypican; GPC4; UNQ474/PRO937; GPC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Glypican-4. No significant cross-reactivity or interference was observed.
Sequence Length	556
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.08ng/mL
Intra-Assay CV	<=4.2%
Inter-Assay CV	<=6.9%
Recovery	90%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPC4 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Glypican-4 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glypican-4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Glypican-4 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Glypican-4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Glypican-4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21614525
NCBI GeneID	2239
NCBI Accession #	NP_001439.2
NCBI GenBank Nucleotide #	NM_001448.2
UniProt Accession #	O75487; Q6ZMA6; Q96L43; Q9NU08; Q9UJN1; Q9UPD9; B2R6J7; B4E2C0
Molecular Weight	54,910 Da
NCBI Official Full Name	glypican-4
NCBI Official Synonym Full Names	glypican 4
NCBI Official Symbol	GPC4
NCBI Official Synonym Symbols	K-glypican
NCBI Protein Information	glypican-4
UniProt Protein Name	Glypican-4
UniProt Gene Name	GPC4
UniProt Entry Name	GPC4_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.