

Human Glypican-5/GPC5 ELISA Kit | GPC5 elisa kit

Human Glypican-5/GPC5 PicoKine ELISA Kit

CATALOG #
AAA125038

REACTIVITY
Human

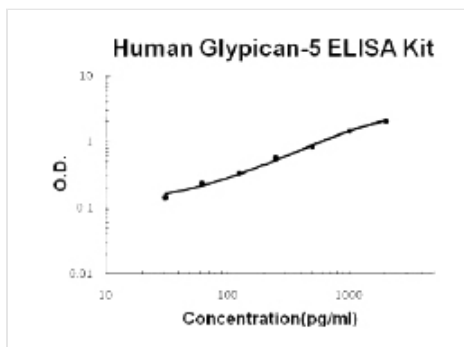
PRODUCT SYNONYMS

Glypican-5/GPC5; Human Glypican-5/GPC5 PicoKine ELISA Kit; Human Glypican-5/GPC5; GPC5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human GAS6
Sequence Length	572
Samples	Cell Culture Supernates, Serum And Plasma(Heparin Or Edta)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPC5 elisa kit	Principle of the Assay: The Picokine Human GAS6 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human GAS6 with a 96-well strip plate that is pre-coated with antibody specific for GAS6. The detection antibody is a biotinylated antibody specific for GAS6. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Human GAS6 with immunogen: Expression system for standard: NSO, Immunogen sequence: A49-A678. The kit is analytically validated with ready to use reagents. To measure Human GAS6, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human GAS6 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human GAS6 in the sample!!Background/Introduction: Growth arrest-specific 6, also known as GAS6, is a human gene coding for the Gas6 protein. It is mapped to 13q34. This gene encodes a gammacarboxyglutamic acid (Gla)-containing protein thought to be involved in the stimulation of cell proliferation. This gene is frequently overexpressed in many cancers and has been implicated as an adverse prognostic marker. Elevated protein levels are additionally associated with a variety of disease states, including venous thromboembolic disease, systemic lupus erythematosus, chronic renal failure, and preeclampsia. Gas6 is a gammacarboxyglutamic acid (Gla) domain-containing protein thought to be involved in the stimulation of cell proliferation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1864085
NCBI GeneID	2262
NCBI Official Full Name	glypican-5
NCBI Official Synonym Full Names	glypican 5
NCBI Official Symbol	GPC5
NCBI Protein Information	glypican-5

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.