

Human GPC3 (Glypican 3) CLIA Kit | GPC3 clia kit

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CATALOG #
AAA170918

REACTIVITY
Human

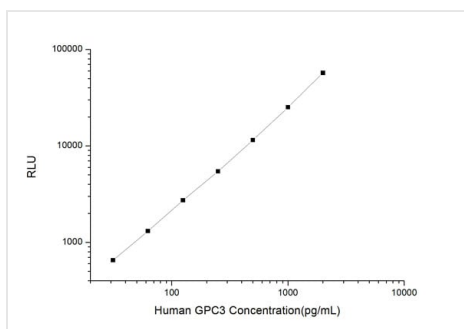
PRODUCT SYNONYMS

GPC3 (Glypican 3); Human GPC3 (Glypican 3) CLIA Kit; DGSX; GTR2-2; MXR7; OCI-5; SDYS; SGB; SGBS; SGBS1; GPC3 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant GPC3. No significant cross-reactivity or interference between GPC3 and analogues was observed.
Sequence Length	58
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPC3 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of GPC3 concentrations in serum, plasma and other biological fluids.

Principle of the Assay||This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to GPC3. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GPC3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain GPC3, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of GPC3. You can calculate the concentration of GPC3 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2599578
NCBI GeneID	2719
Molecular Weight	68,414 Da
NCBI Official Full Name	glypican 3, partial
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
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://www.aaabiotech.com/human-clia-kits/gpc3-glypican-3/170918>