

ARG82383 Human Glypican 5 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82383-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82383-002	Standard	2 X 10 ng/vial	4°C
ARG82383-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82383-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82383-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82383-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82383-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82383-008	25X Wash buffer	20 ml	4°C
ARG82383-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82383-010	STOP solution	10 ml (Ready to use)	4°C
ARG82383-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82383 Human Glypican 5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Glypican 5 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Glypican 5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.9% Inter-Assay CV: 7.0%

Alternate Names Glypican-5

Application Instructions

Assay Time ~ 5 hours

Properties

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol GPC5

Gene Full Name glypican 5

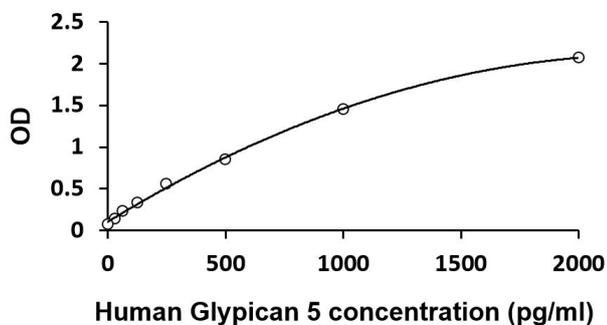
Background Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. [provided by RefSeq, Jul 2008]

Function Cell surface proteoglycan that bears heparan sulfate. [UniProt]

Highlight Related products:
[Glypican antibodies](#); [Glypican ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Cell membrane; Lipid-anchor, GPI-anchor; Extracellular side. Secreted glypican-5: Secreted, extracellular space. [UniProt]

Images



ARG82383 Human Glypican 5 ELISA Kit standard curve image

ARG82383 Human Glypican 5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.