

ARG82717 Human PODXL2 / Endoglycan ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82717-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82717-002	Standard	2 X 10 ng/vial	4°C
ARG82717-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82717-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82717-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82717-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82717-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82717-008	25X Wash buffer	20 ml	4°C
ARG82717-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82717-010	STOP solution	10 ml (Ready to use)	4°C
ARG82717-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82717 Human PODXL2 / Endoglycan ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human PODXL2 / Endoglycan in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	PODXL2 / Endoglycan
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.2% Inter-Assay CV: 6.0%

Alternate Names Endoglycan; EG; PODXL2; Podocalyxin-like protein 2

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 PODXL2

Gene Full Name podocalyxin-like 2

Background This gene is a member of the CD34 family of cell surface transmembrane proteins, which are characterized by an N-terminal extracellular mucin domain, globular and stalk domains, a single pass transmembrane region, and a charged cytoplasmic tail. The encoded protein is a ligand for vascular selectins. [provided by RefSeq, Oct 2012]

Function Acts as a ligand for vascular selectins. Mediates rapid rolling of leukocytes over vascular surfaces through high affinity divalent cation-dependent interactions with E-, P- and L-selectins. [UniProt]

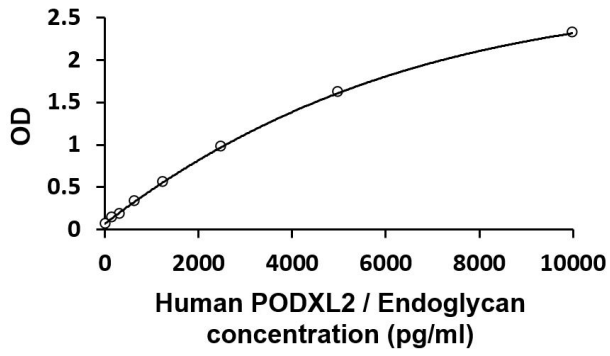
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PTM Glycosylated; contains chondroitin sulfate. Displays sialylated O-linked oligosaccharides.

Sulfation is necessary for interaction with SELL. Sialylated O-linked oligosaccharides are necessary for interaction with SELL, SELE and SELP. [UniProt]

Cellular Localization Membrane; Single-pass type I membrane protein. [UniProt]



ARG82717 Human PODXL2 / Endoglycan ELISA Kit standard curve image

ARG82717 Human PODXL2 / Endoglycan ELISA Kit results of a typical standard run with optical density reading at 450 nm.