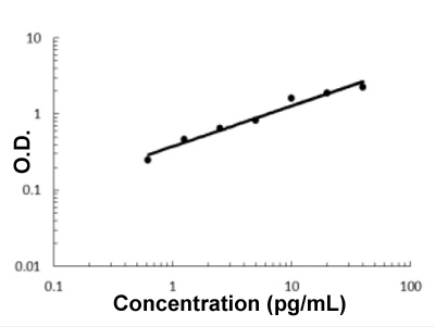
HSPG2 (Human) ELISA Kit

Catalog # KA5542 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	HSPG2 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human HSPG2.
Suitable Sample	Cell Culture Supernates, Plasma (Citrate, EDTA, Heparin) and Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.624 to 40 ng/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — HSPG2

Entrez GeneID	3339
Protein Accession#	P98160
Gene Name	HSPG2
Gene Alias	PLC, PRCAN, SJA, SJS, SJS1
Gene Description	heparan sulfate proteoglycan 2
Omim ID	142461 224410 255800
Gene Ontology	Hyperlink
Gene Summary	Heparan sulfate proteoglycan is a major component of basement membranes, where the molecule may be involved in the stabilization of other molecules as well as being involved with glomerular permeability to macromolecules and cell adhesion. This form of HSPG, known as HSPG2 or perlecan, is encoded by a gene that maps to chromosome 1. The gene for the form of HSPG associated with the cell surface of fibroblasts has been mapped to human chromosome 8 (MIM 142460).[supplied by OMIM
Other Designations	OTTHUMP00000002765|Schwartz-Jampel syndrome 1 (chondrodystrophic myotonia)|endorepellin (domain V region)|heparan sulfate proteoglycan of basement membrane|perlecan proteoglycan

Pathway

- ECM-receptor interaction

Disease

- Alzheimer disease
- Aortic Aneurysm
- Cardiovascular Diseases
- Chorioamnionitis

- Chronic Disease
- Diabetes Mellitus
- Disease Progression
- Dyskinesia
- Edema
- Fetal Membranes
- Genetic Predisposition to Disease
- Intracranial Aneurysm
- Mitral Valve Prolapse
- Nephrolithiasis
- Obstetric Labor
- Periodontitis
- Pre-Eclampsia
- Premature Birth
- Schizophrenia
- Spinal Muscular Atrophies of Childhood