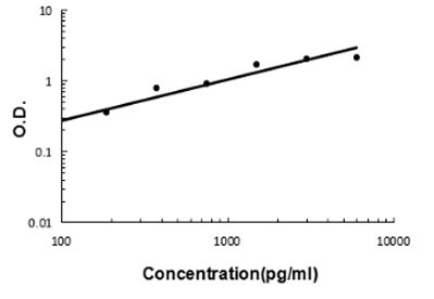
PRELP (Human) ELISA Kit

Catalog # KA6005 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	PRELP (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detection of human PRELP in cell culture supernates, serum and plasma (heparin, EDTA, citrate).
Suitable Sample	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	93.8 to 6000 pg/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 six months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

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Applications

- Quantification

Gene Info — PRELP

Entrez GeneID	5549
Protein Accession#	P51888
Gene Name	PRELP
Gene Alias	MGC45323, MST161, MSTP161, SLRR2A
Gene Description	proline/arginine-rich end leucine-rich repeat protein
Omim ID	601914
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a leucine-rich repeat protein present in connective tissue extracellular matrix. This protein functions as a molecule anchoring basement membranes to the underlying connective tissue. This protein has been shown to bind type I collagen to basement membranes and type II collagen to cartilage. It also binds the basement membrane heparan sulfate proteoglycan perlecan. This protein is suggested to be involved in the pathogenesis of Hutchinson-Gilford progeria (HGP), which is reported to lack the binding of collagen in basement membranes and cartilage. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq
Other Designations	55 kDa leucine-rich repeat protein of articular cartilage|OTTHUMP00000034099|prolargin proteoglycan|proline arginine-rich end leucine-rich repeat protein

Disease

- Genetic Predisposition to Disease
- Hypertension

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