

Human PRELP ELISA Kit | PRELP elisa kit

Human PRELP (Proline Arginine Rich End Leucine Rich Repeat Protein) ELISA Kit

CATALOG #
AAA164518

REACTIVITY
Human

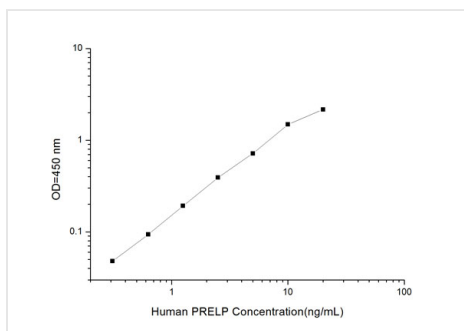
PRODUCT SYNONYMS

PRELP; Human PRELP (Proline Arginine Rich End Leucine Rich Repeat Protein) ELISA Kit; PRELP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PRELP. No significant cross-reactivity or interference between Human PRELP and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human PRELP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	382
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRELP elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PRELP in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PRELP. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human PRELP 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 Human PRELP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human PRELP. You can calculate the concentration of Human PRELP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506041
NCBI GeneID	5549
NCBI Accession #	NP_002716.1
NCBI GenBank Nucleotide #	NM_002725.3
UniProt Accession #	P51888; Q6FG38
Molecular Weight	43,810 Da
NCBI Official Full Name	prolargin
NCBI Official Synonym Full Names	proline/arginine-rich end leucine-rich repeat protein
NCBI Official Symbol	PRELP
NCBI Official Synonym Symbols	MST161; SLRR2A; MSTP161
NCBI Protein Information	prolargin; 55 kDa leucine-rich repeat protein of articular cartilage; prolargin proteoglycan; proline-arginine-rich end leucine-rich repeat protein
UniProt Protein Name	Prolargin
UniProt Gene Name	PRELP
UniProt Synonym Gene Names	SLRR2A
UniProt Entry Name	PRELP_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.