

Human ASPN ELISA Kit | ASPN elisa kit

Human ASPN (Asporin) ELISA Kit

CATALOG #
AAA164576

REACTIVITY
Human

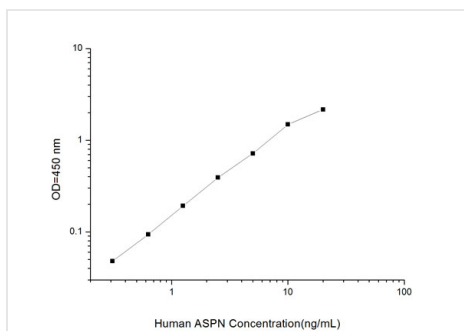
PRODUCT SYNONYMS

ASPEN; Human ASPN (Asporin) ELISA Kit; ASPN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ASPN. No significant cross-reactivity or interference between Human ASPN and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human ASPN and all the analogues, therefore, cross reaction may still exist.
Sequence Length	242
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 ASPN elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ASPN 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 ASPN. 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 ASPN 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 ASPN, 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 ASPN. You can calculate the concentration of Human ASPN in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301069324
NCBI GeneID	54829
NCBI Accession #	NP_001180264.1
NCBI GenBank Nucleotide #	NM_001193335.1
UniProt Accession #	Q9BXN1; Q5TBF3; Q96K79; Q96LD0; Q9NXP3
Molecular Weight	43,417 Da
NCBI Official Full Name	asporin isoform 2 preproprotein
NCBI Official Synonym Full Names	asporin
NCBI Official Symbol	ASPN
NCBI Official Synonym Symbols	OS3; PLAP1; PLAP-1; SLRR1C
NCBI Protein Information	asporin; asporin (LRR class 1); asporin proteoglycan; periodontal ligament associated protein 1; small leucine-rich protein 1C
UniProt Protein Name	Asporin
UniProt Gene Name	ASPN
UniProt Synonym Gene Names	PLAP1; SLRR1C; PLAP-1
UniProt Entry Name	ASPN_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.