

Human asporin ELISA Kit | ASPN elisa kit

Human Asporin, ASPN ELISA Kit

CATALOG #
AAA112818

REACTIVITY
Human

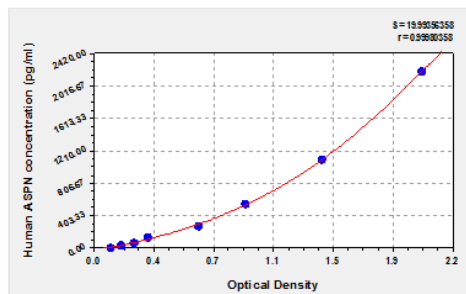
PRODUCT SYNONYMS

asporin; Human Asporin; ASPN ELISA Kit; Human Asporin (ASPN) ELISA kit; FLJ20129; OS3; PLAP1; SLRR1C; asporin (LRR class 1) ; asporin proteoglycan; periodontal ligament associated protein 1; small leucine-rich protein 1C; 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.
Sequence Length	242
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	34.37 pg/ml -2200 pg/ml.
Sensitivity	The minimum detectable dose of human ASPN is typically less than 8.59 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASPN elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ASPN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ASPN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ASPN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ASPN bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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 proteoglycan; asporin (LRR class 1); small leucine-rich protein 1C; periodontal ligament associated protein 1
UniProt Protein Name	Asporin
UniProt Gene Name	ASPN
UniProt Synonym Gene Names	PLAP1; SLRR1C; UNQ215/PRO241; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/aspn-human-elisa-kits/asporin/112818>