

Human Periostin ELISA Kit | POSTN elisa kit

Human Periostin (Osteoblast Specific Factor 2) ELISA Kit

CATALOG # AAA55944	REACTIVITY Human
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PRODUCT SYNONYMS

Periostin; Human Periostin (Osteoblast Specific Factor 2) ELISA Kit; MGC119510; MGC119511; OSF-2; OSF2; PDLPOSTN; PN; RP11-412K4.1; periostin; osteoblast specific factor 2 (fascin I-like)|periodontal ligament-specific periostin|periostin isoform thy2|periostin iso; POSTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NBL1. No significant cross-reactivity or interference between Human NBL1 and analogues was observed.
Sequence Length	836
Samples	Serum, Plasma, Urine And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	15.6 pg/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for POSTN elisa kit	Intended Uses: For the quantitative detection of Human Neuroblastoma suppressor of tumorigenicity 1 (NBL1) concentration in serum, plasma, urine and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NBL1 in Human serum, plasma, urine. An antibody specific for NBL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NBL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NBL1 is added to the wells. After washing, Streptavidin 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 NBL1 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 #	209862911
NCBI GeneID	10631
NCBI Accession #	NP_001129406.1
NCBI GenBank Nucleotide #	NM_001135934.1

UniProt Accession #	Q15063; Q15064; Q29XZ0; Q3KPJ5; Q5VSY5; Q8IZF9; B1ALD8; C0IMJ1; C0IMJ2; C0IMJ4; D2KRH7; F5H628
Molecular Weight	80,357 Da
NCBI Official Full Name	periostin isoform 2
NCBI Official Synonym Full Names	periostin
NCBI Official Symbol	POSTN
NCBI Official Synonym Symbols	PN; OSF2; OSF-2; PDLPOSTN
NCBI Protein Information	periostin
UniProt Protein Name	Periostin
UniProt Gene Name	POSTN
UniProt Synonym Gene Names	OSF2; PN; OSF-2

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.

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 Online datasheet: <https://www.aaabiotech.com/postn-human-elisa-kits/periostin/55944>