

Human POSTN (Periostin) ELISA Kit | POSTN elisa kit

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CATALOG #
AAA278364

REACTIVITY
Human

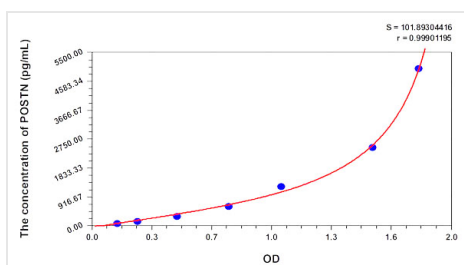
PRODUCT SYNONYMS

POSTN (Periostin); Human POSTN (Periostin) ELISA Kit; OSF-2; PDLPOSTN; PN; Osteoblast Specific Factor 2; POSTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma and other biological fluids
Detection Range	7.82-500ng/mL
Sensitivity	2.13ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POSTN elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human POSTN. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human POSTN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human POSTN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human POSTN in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for POSTN elisa kit

[Metabolic pathway](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862907
NCBI GeneID	10631
NCBI Accession #	NP_006466.2

NCBI GenBank Nucleotide #	NM_006475.2
UniProt Accession #	Q15063 ; Q15064 ; Q29XZ0 ; Q3KPJ5 ; Q5VSY5 ; Q8IZF9 ; B1ALD8 ; C0IMJ1 ; C0IMJ2 ; C0IMJ4 ; D2KRH7 ; F5H628
Molecular Weight	93,314 Da
NCBI Official Full Name	periostin isoform 1
NCBI Official Synonym Full Names	periostin, osteoblast specific factor
NCBI Official Symbol	POSTN
NCBI Official Synonym Symbols	PN; OSF2; OSF-2; PDLPOSTN; periostin
NCBI Protein Information	periostin; periodontal ligament-specific periostin; osteoblast specific factor 2 (fasciclin I-like)
UniProt Protein Name	Periostin
UniProt Gene Name	POSTN
UniProt Synonym Gene Names	OSF2; PN; OSF-2
UniProt Entry Name	POSTN_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/postn-periostin/278364>