

Mouse POSTN (Periostin) ELISA Kit | POSTN elisa kit

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CATALOG #
AAA278633

REACTIVITY
Mouse

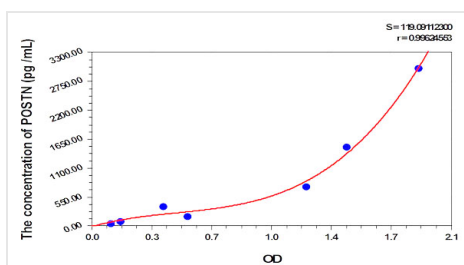
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	7.82-500ng/mL
Sensitivity	2.01ng/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 Mouse POSTN. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse 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 #	46576895
NCBI GeneID	50706
UniProt Accession #	Q62009; Q8BMJ6; Q8K1K0

Molecular Weight	87,099 Da
NCBI Official Full Name	Periostin
NCBI Official Synonym Full Names	periostin, osteoblast specific factor
NCBI Official Symbol	Postn
NCBI Official Synonym Symbols	PN; PLF; Osf2; peri; OSF-2; AI747096; A630052E07Rik
NCBI Protein Information	periostin; periostin-like factor; osteoblast-specific factor 2; 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_MOUSE

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/mouse-elisa-kits/postn-periostin/278633>