

Rat Periostin (POSTN) ELISA Kit | POSTN elisa kit

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CATALOG #
AAA66060

REACTIVITY
Rat

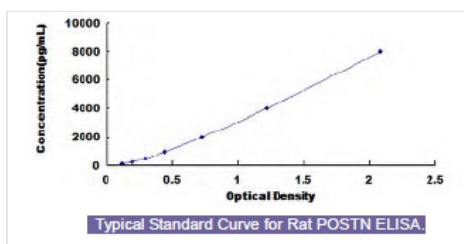
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of POSTN. No significant cross-reactivity or interference between POSTN and analogues was observed.
Sequence Length	810
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	125-8000pg/mL
Sensitivity	43pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level POSTN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level POSTN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POSTN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of POSTN in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to POSTN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 POSTN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157823757
NCBI GeneID	361945
NCBI Accession #	NP_001102020.1
NCBI GenBank Nucleotide #	NM_001108550.1
UniProt Accession #	D3ZAF5
Molecular Weight	90,056 Da
NCBI Official Full Name	periostin
NCBI Official Synonym Full Names	periostin
NCBI Official Symbol	Postn
NCBI Official Synonym Symbols	Plf
NCBI Protein Information	periostin
UniProt Protein Name	Periostin, osteoblast specific factor (Predicted), isoform CRA_a
UniProt Gene Name	Postn

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/rat-elisa-kits/periostin-postn/66060>