

Human POSTN/OSF-2 (Periostin) ELISA Kit | POSTN/OSF-2 elisa kit

QuickKey Pro Human POSTN/OSF-2 (Periostin) ELISA Kit

CATALOG #
AAA177888

REACTIVITY
Human

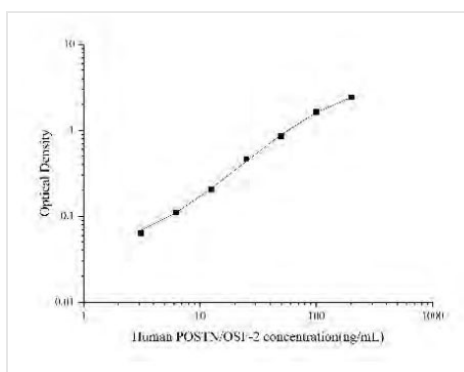
PRODUCT SYNONYMS

POSTN/OSF-2 (Periostin); QuickKey Pro Human POSTN/OSF-2 (Periostin) ELISA Kit; POSTN/OSF-2; POSTN/OSF-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human POSTN/OSF-2 in samples. No significant cross-reactivity or interference between Human POSTN/OSF-2 and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Human serum and plasma samples
Detection Range	3.12-200 ng/mL
Sensitivity	1.52 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human POSTN/OSF-2 were tested 20 times on one plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8° for 6 months. After test, the unused wells and reagents should be stored according to the table/manual.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POSTN/OSF-2 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human POSTN/OSF-2. Samples (or Standards) and Horseradish Peroxidase (HRP) linked antibody specific for Human POSTN/OSF-2 are added to the micro ELISA plate wells. Human POSTN/OSF-2 in samples (or standards) combines with the coated antibody and HRP linked detection antibody special to Human POSTN/OSF-2. Excess conjugate and unbound sample or standard are washed from the plate. The substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450±2 nm. The OD value is proportional to the concentration of Human POSTN/OSF-2. The concentration of Human POSTN/OSF-2 in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of POSTN/OSF-2 concentrations in Human serum and plasma samples. Please contact tech-support for other sample type detection..
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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.