

Human osteocrin ELISA Kit | OSTN elisa kit

Human osteocrin, Ostrn ELISA Kit

CATALOG #
AAA79610

REACTIVITY
Human

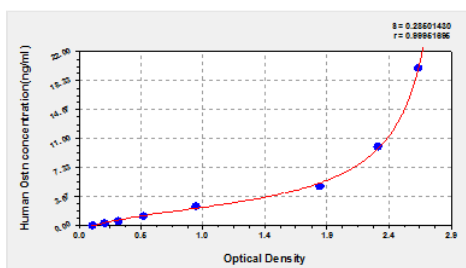
PRODUCT SYNONYMS

osteocrin; Human osteocrin; Ostrn ELISA Kit; Ostrn ELISA kit; MUSCLIN; ; OSTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human Ostrn. No significant cross-reactivity or interference between human Ostrn and analogues was observed.
Sequence Length	133
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSTN elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Ostrn has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Ostrn present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Ostrn is added to the wells. After washing, avidin 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 Ostrn bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38044108
NCBI GeneID	344901
NCBI Accession #	NP_937827.1
NCBI GenBank Nucleotide #	NM_198184.1
UniProt Accession #	P61366; A1A4U3
Molecular Weight	14,722 Da
NCBI Official Full Name	osteocrin
NCBI Official Synonym Full Names	osteocrin
NCBI Official Symbol	OSTN
NCBI Official Synonym Symbols	MUSCLIN
NCBI Protein Information	osteocrin
UniProt Protein Name	Osteocrin
UniProt Gene Name	OSTN
UniProt Entry Name	OSTN_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/ostn-human-elisa-kits/osteocrin/79610>