

Mouse osteocrin ELISA Kit | OSTN elisa kit

Mouse Osteocrin, OSTN ELISA Kit

CATALOG #
AAA112394

REACTIVITY
Mouse

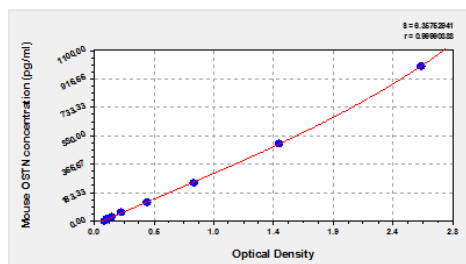
PRODUCT SYNONYMS

osteocrin; Mouse Osteocrin; OSTN ELISA Kit; Mouse Osteocrin (OSTN) ELISA kit; MUSCLIN; ; OSTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse OSTN. No significant cross-reactivity or interference between mouse OSTN and analogues was observed.
Sequence Length	130
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	15.6 pg/ml -1000 pg/mL
Sensitivity	<3.9 pg/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 OSTN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any OSTN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for OSTN 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 OSTN bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37674267
NCBI GeneID	239790
NCBI Accession #	NP_932780.1
NCBI GenBank Nucleotide #	NM_198112.2
UniProt Accession #	P61364; Q149W1
Molecular Weight	14,438 Da
NCBI Official Full Name	osteocrin
NCBI Official Synonym Full Names	osteocrin
NCBI Official Symbol	Ostn
NCBI Official Synonym Symbols	Ostc
NCBI Protein Information	osteocrin; musclin
UniProt Protein Name	Osteocrin
UniProt Gene Name	Ostn
UniProt Entry Name	OSTN_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://stage.aaabiotech.com/ostn-mouse-elisa-kits/osteocrin/112394>