

Rat Osteopontin ELISA Kit | SPP1 elisa kit

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CATALOG #
AAA76818

REACTIVITY
Rat

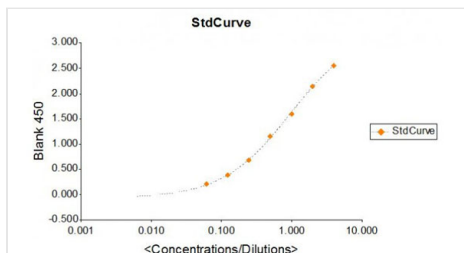
PRODUCT SYNONYMS

Osteopontin; Rat Osteopontin ELISA Kit; SPP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Osteopontin
Sequence Length	300
Samples	Biological Fluid Of Mice
Assay Type	Sandwich
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPP1 elisa kit

Intended Uses: The osteopontin (PONT) test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring PONT in biological fluid of mice.

Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the PONT present in samples reacts with the anti-PONT antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, the Detection Antibody, biotin conjugated anti-PONT, is added and complexes are formed. Following a wash step, the horseradish peroxidase (HRP) conjugated Streptavidin is added and complexes are formed. After another washing step, the complexes are assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of PONT in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of PONT in the test sample. The quantity of PONT in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189405
NCBI GeneID	6696

NCBI Official Full Name	osteopontin
NCBI Official Synonym Full Names	secreted phosphoprotein 1
NCBI Official Symbol	SPP1
NCBI Official Synonym Symbols	OPN; BNSP; BSPI; ETA-1
NCBI Protein Information	osteopontin

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/rat-elisa-kits/osteopontin/76818>