

Mouse Osteopontin (OPN) RTU ELISA Kit | OPN rtu elisa kit

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CATALOG #
AAA217567

REACTIVITY
Mouse

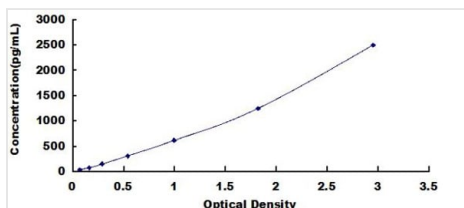
PRODUCT SYNONYMS

Osteopontin (OPN); Mouse Osteopontin (OPN) ELISA Kit; SPP1; BNSP; BSP1; ETA1; Secreted Phosphoprotein 1; Bone Sialoprotein I; Early T-Lymphocyte Activation 1; Nephropontin; Urinary stone protein; Uropontin; OPN rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	294
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	39-2500pg/mL
Sensitivity	16pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OPN rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OPN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to OPN. 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 OPN, 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 $\pm$ 10nm. The concentration of OPN in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	323668271
NCBI GeneID	20750
NCBI Accession #	NP_001191162.1
NCBI GenBank Nucleotide #	NM_001204233.1
UniProt Accession #	P10923; P19008; Q91VH4
Molecular Weight	32,459 Da
NCBI Official Full Name	osteopontin isoform 4
NCBI Official Synonym Full Names	secreted phosphoprotein 1
NCBI Official Symbol	Spp1
NCBI Official Synonym Symbols	OP; 2AR; Bsp; Eta; Opn; Ric; BNSP; BSPI; Opnl; Apl-1; ETA-1; Spp-1
NCBI Protein Information	osteopontin
UniProt Protein Name	Osteopontin
UniProt Gene Name	Spp1
UniProt Synonym Gene Names	Eta-1; Op; Spp-1; SPP-1

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/mouse-rtu-elisa-kits/osteopontin-opn/217567>