

Rat bone sialoprotein, BSP ELISA Kit | BSP elisa kit

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CATALOG #
AAA43496

REACTIVITY
Rat

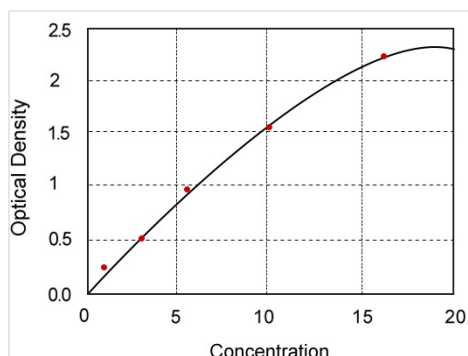
PRODUCT SYNONYMS

bone sialoprotein; BSP; Rat bone sialoprotein; BSP ELISA Kit; BSP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	317
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/L - 60ng/L
Sensitivity	0.12ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BSP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Bone Sialoprotein (also known as BSP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat BSP antibody. BSP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat BSP Antibody is added and binds to BSP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BSP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat BSP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	292494
NCBI GeneID	3381
UniProt Accession #	P21815
Molecular Weight	35,148 Da
NCBI Official Full Name	bone sialoprotein
NCBI Official Synonym Full Names	integrin binding sialoprotein
NCBI Official Symbol	IBSP
NCBI Official Synonym Symbols	BSP; BNSP; SP-II; BSP-II
NCBI Protein Information	bone sialoprotein 2
UniProt Protein Name	Bone sialoprotein 2
UniProt Gene Name	IBSP
UniProt Synonym Gene Names	BNSP; BSP II

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/rat-elisa-kits/bone-sialoprotein-bsp/43496>