

Rat BSP (Bone Sialoprotein) ELISA Kit | BSP elisa kit

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CATALOG #
AAA278833

REACTIVITY
Rat

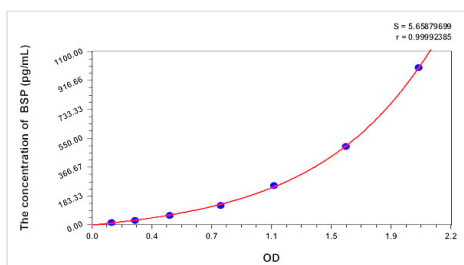
PRODUCT SYNONYMS

BSP (Bone Sialoprotein); Rat BSP (Bone Sialoprotein) ELISA Kit; IBSP; Bsp; BspII; SpII; Integrin-Binding Bone Sialoprotein; Cell-binding sialoprotein; Bone sialoprotein 2; BSP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.22ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BSP elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat BSP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat BSP. 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 Rat BSP, 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 +/- 10nm. The concentration of Rat BSP in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for BSP elisa kit

[Metabolic pathway](#); [Developmental science](#); [Bone metabolism](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	134489
NCBI GeneID	24477
UniProt Accession #	P13839; P97828

Molecular Weight	35,251 Da
NCBI Official Full Name	Bone sialoprotein 2
NCBI Official Synonym Full Names	integrin-binding sialoprotein
NCBI Official Symbol	lbsp
NCBI Official Synonym Symbols	Bsp
NCBI Protein Information	bone sialoprotein 2; BSP II; bone sialoprotein II; cell-binding sialoprotein; integrin binding sialoprotein
UniProt Protein Name	Bone sialoprotein 2
UniProt Gene Name	lbsp
UniProt Synonym Gene Names	BSP II
UniProt Entry Name	SIAL_RAT

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/bsp-bone-sialoprotein/278833>