

Human bone sialoprotein, BSP ELISA Kit | BSP elisa kit

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CATALOG #
AAA42401

REACTIVITY
Human

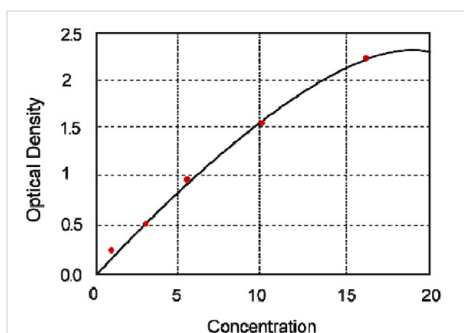
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	317
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-150ng/ml
Sensitivity	0.21ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human BSP antibody. BSP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human 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 Human BSP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human bone sialoprotein (also known as BSP) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

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/human-elisa-kits/bone-sialoprotein-bsp/42401>