

Human Bone Sialoprotein (BSP) RTU ELISA Kit | BSP rtu elisa kit

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CATALOG #
AAA69418

REACTIVITY
Human

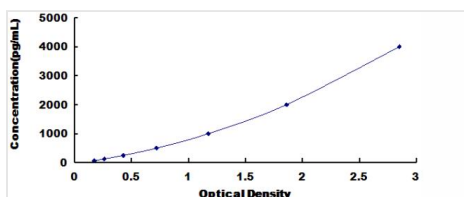
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	317
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	62.5-4000pg/mL
Sensitivity	11.2pg/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 BSP rtu elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466187
NCBI GeneID	3381
NCBI Accession #	NP_004958.2
NCBI GenBank Nucleotide #	NM_004967.3
UniProt Accession #	P21815
Molecular Weight	35,148 Da
NCBI Official Full Name	bone sialoprotein 2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/bone-sialoprotein-bsp/69418>