

Human Bone Marrow Stromal Cell Antigen 2 (BST2) ELISA Kit | BST2 elisa kit

Human Bone Marrow Stromal Cell Antigen 2 (BST2) ELISA Kit

CATALOG #
AAA63945

REACTIVITY
Human

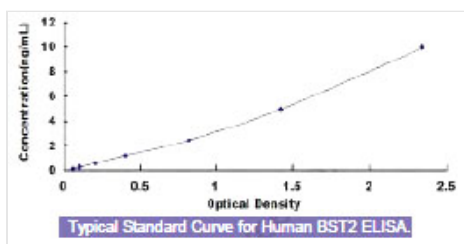
PRODUCT SYNONYMS

Bone Marrow Stromal Cell Antigen 2 (BST2); Human Bone Marrow Stromal Cell Antigen 2 (BST2) ELISA Kit; CD317; Tetherin; HM1.24 antigen; BST2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BST2. No significant cross-reactivity or interference between BST2 and analogues was observed.
Sequence Length	180
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.068ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BST2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level BST2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BST2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BST2 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BST2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to BST2. 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 BST2, 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 BST2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757876
NCBI GeneID	684
NCBI Accession #	NP_004326.1
NCBI GenBank Nucleotide #	NM_004335.3
UniProt Accession #	Q10589; Q53G07; A8K4Y4
Molecular Weight	18,394 Da
NCBI Official Full Name	bone marrow stromal antigen 2
NCBI Official Synonym Full Names	bone marrow stromal cell antigen 2
NCBI Official Symbol	BST2
NCBI Official Synonym Symbols	CD317; TETHERIN
NCBI Protein Information	bone marrow stromal antigen 2
UniProt Protein Name	Bone marrow stromal antigen 2
UniProt Gene Name	BST2
UniProt Synonym Gene Names	BST-2

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-elisa-kits/bone-marrow-stromal-cell-antigen-2-bst2/63945>