

Human Bone marrow stromal antigen 1, Bst1 ELISA Kit | Bst1 elisa kit

Human Bone marrow stromal antigen 1, Bst1 Primacu ELISA Kit

CATALOG #
AAA124291

REACTIVITY
Human

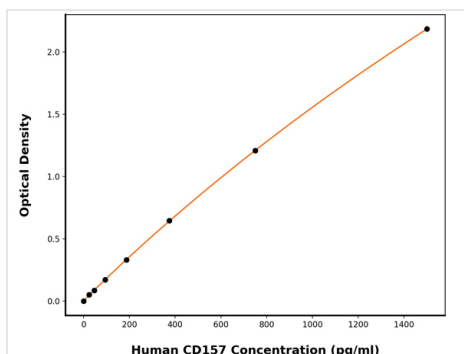
PRODUCT SYNONYMS

Bone marrow stromal antigen 1; Bst1; Human Bone marrow stromal antigen 1; Bst1 Primacu ELISA Kit; ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2; CD157; Bp-3; Bp3; Ly65; Bst1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	23.44-1500pg/mL
Sensitivity	5.65pg/mL
Standard Solution	15ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Bst1 elisa kit	The cluster of differentiation (CD) system is commonly used as cell markers in immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD157, also known as ADP-ribosyl cyclase 2, is an ectoenzyme sharing several characteristics with ADP-ribosyl cyclase CD38. CD157 was originally identified as a bone marrow stromal cell molecule (BST-1) with a glycosylphosphatidylinositol (GPI) anchor to bind to the cell surface. CD157 is prevalently expressed by cells of the myeloid lineage. CD157 could act as a receptor with signal transduction capability. Further, it regulates calcium homeostasis and promotes polarization in neutrophils and mediates superoxide (O2-) production in the human U937 myeloid line.
Product Categories/Family for Bst1 elisa kit	Primacu ELISA Kit; Immunology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	134288869
NCBI GeneID	12182
NCBI Accession #	NP_033893.2
NCBI GenBank Nucleotide #	NM_009763.3
UniProt Accession #	Q64277; Q8BRY3
Molecular Weight	34,616 Da
NCBI Official Full Name	ADP-ribosyl cyclase 2
UniProt Protein Name	ADP-ribosyl cyclase 2
UniProt Gene Name	Bst1
UniProt Synonym Gene Names	Bp-3; Bp3; Ly65; BST-1; cADPr hydrolase 2; Ly-65
UniProt Entry Name	BST1_MOUSE

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.