

Human HLA-B Associated Transcript 1 (BAT1) ELISA Kit | BAT1 elisa kit

Human HLA-B Associated Transcript 1 (BAT1)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152459

REACTIVITY
Human

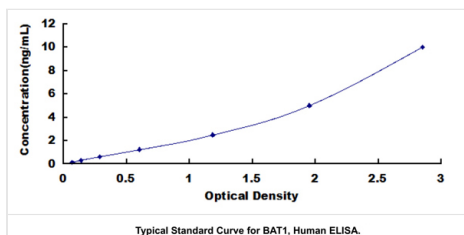
PRODUCT SYNONYMS

HLA-B Associated Transcript 1 (BAT1); Human HLA-B Associated Transcript 1 (BAT1)(Sandwich ELISA) ELISA Kit; ELISA Kit for HLA-B Associated Transcript 1 (BAT1); DDX39B; UAP56; DEAD(Asp-Glu-Ala-Asp)Box Polypeptide 39B; 56 kDa U2AF65-associated protein; HLA-B-associated transcript 1 protein; ATP-dependent RNA helicase p47; BAT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BAT1. No significant cross-reactivity or interference between BAT1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BAT1 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 BAT1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAT1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to BAT1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to BAT1. 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 BAT1, 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 BAT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BAT1 in human tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	323276702
NCBI GeneID	7919
NCBI Accession #	NP_004631.1
NCBI GenBank Nucleotide #	NM_004640
UniProt Accession #	Q13838; O43496; Q0EFA1; Q2L6F9; Q53GL9; Q5RJ64; Q5RJ66; Q5ST94; Q5STB4; Q5STB5; Q5STB7; B0S8C0
Molecular Weight	50,679 Da
NCBI Official Full Name	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B (DDX39B), transcript variant 1, mRNA
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B
NCBI Official Symbol	DDX39B
NCBI Official Synonym Symbols	BAT1; UAP56; D6S81E
NCBI Protein Information	spliceosome RNA helicase DDX39B; 56 kDa U2AF65-associated protein; ATP-dependent RNA helicase p47; HLA-B-associated transcript 1 protein; nuclear RNA helicase (DEAD family); spliceosome RNA helicase BAT1
UniProt Protein Name	Spliceosome RNA helicase DDX39B
UniProt Gene Name	DDX39B
UniProt Synonym Gene Names	BAT1; UAP56
UniProt Entry Name	DX39B_HUMAN

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.