

Rat HLA-B Associated Transcript 3 (BAT3) ELISA Kit | BAT3 elisa kit

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CATALOG #
AAA68520

REACTIVITY
Rat

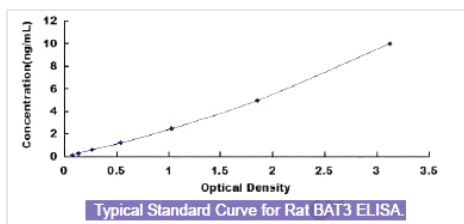
PRODUCT SYNONYMS

HLA-B Associated Transcript 3 (BAT3); Rat HLA-B Associated Transcript 3 (BAT3) ELISA Kit; BAG6; Protein G3; Protein Scythe; BCL2-associated athanogene 6; BAG family molecular chaperone regulator 6; Large proline-rich protein BAG6; BAT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of BAT3. No significant cross-reactivity or interference between BAT3 and analogues was observed.
Sequence Length	1146
Samples	Tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative 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 BAT3 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 BAT3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAT3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of BAT3 in rat tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BAT3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to BAT3. 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 BAT3, 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 BAT3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77020274
NCBI GeneID	94342
NCBI Accession #	NP_001029140.1
NCBI GenBank Nucleotide #	NM_001033968.1
UniProt Accession #	Q6MG49; Q498N5; Q9WTN8
Molecular Weight	114,647 Da
NCBI Official Full Name	large proline-rich protein BAG6 isoform 1
NCBI Official Synonym Full Names	BCL2-associated athanogene 6
NCBI Official Symbol	Bag6
NCBI Official Synonym Symbols	Bat3
NCBI Protein Information	large proline-rich protein BAG6
UniProt Protein Name	Large proline-rich protein BAG6
UniProt Gene Name	Bag6

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.