

Human Bleomycin Hydrolase (BLMH) ELISA Kit | BLMH elisa kit

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CATALOG #
AAA139168

REACTIVITY
Human

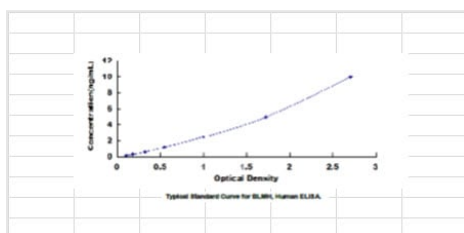
PRODUCT SYNONYMS

Bleomycin Hydrolase (BLMH); Human Bleomycin Hydrolase (BLMH) ELISA Kit; BH; BMH; BLMH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BLMH. No significant cross-reactivity or interference between BLMH and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between BLMH and all the analogues, therefore, cross reaction may still exist.
Sequence Length	455
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BLMH 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 BLMH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	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 BLMH elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BLMH in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to BLMH. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to BLMH. 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 BLMH, 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 BLMH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for BLMH elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557367
NCBI GeneID	642
NCBI Accession #	NP_000377.1
NCBI GenBank Nucleotide #	NM_000386.3
UniProt Accession #	Q13867; Q53F86; Q9UER9; B2R796
Molecular Weight	52,562 Da
NCBI Official Full Name	bleomycin hydrolase
NCBI Official Synonym Full Names	bleomycin hydrolase
NCBI Official Symbol	BLMH
NCBI Official Synonym Symbols	BH; BMH
NCBI Protein Information	bleomycin hydrolase
UniProt Protein Name	Bleomycin hydrolase
UniProt Gene Name	BLMH
UniProt Synonym Gene Names	BH; BLM hydrolase; BMH
UniProt Entry Name	BLMH_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.