

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

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CATALOG #
AAA63839

REACTIVITY
Human

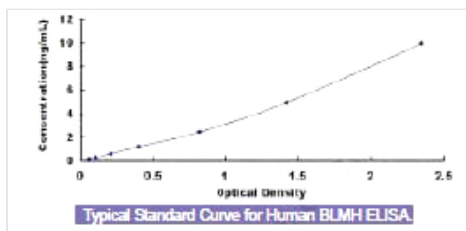
PRODUCT SYNONYMS

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.
Sequence Length	455
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.071ng/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	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 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 microtiter plate provided in this kit has been pre-coated with an antibody specific to BLMH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation 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.
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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

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.