

Human Bleomycin Hydrolase (BLMH) CLIA Kit | BLMH clia kit

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CATALOG #
AAA130392

REACTIVITY
Human

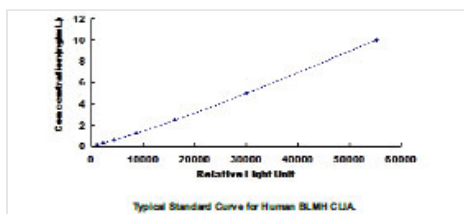
PRODUCT SYNONYMS

Bleomycin Hydrolase (BLMH); Human Bleomycin Hydrolase (BLMH) CLIA Kit; BH; BMH; BLMH clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Bleomycin Hydrolase (BLMH). No significant cross-reactivity or interference between Bleomycin Hydrolase (BLMH) and analogues was observed.
Sequence Length	455
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	13.7-10,000pg/mL
Sensitivity	5.4pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Bleomycin Hydrolase (BLMH) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Bleomycin Hydrolase (BLMH) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Bleomycin Hydrolase (BLMH). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Bleomycin Hydrolase (BLMH). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Bleomycin Hydrolase (BLMH) level in the sample or standard.;
Product Categories/Family for BLMH clia 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.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/bleomycin-hydrolase-blmh/130392>