

Human beta-lactamase ELISA Kit | bla elisa kit

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CATALOG #
AAA41279

REACTIVITY
Human

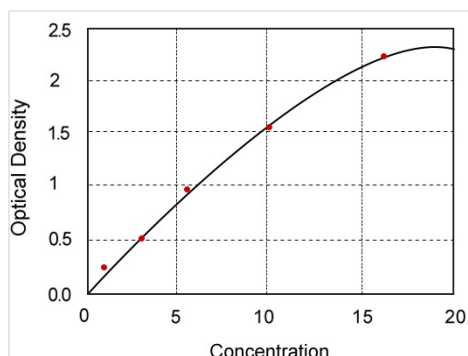
PRODUCT SYNONYMS

beta-lactamase; Human beta-lactamase ELISA Kit; bla elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	286
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 70ng/ml
Sensitivity	0.093ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for bla elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Lactamase Beta (also known as LACTB) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human LACTB antibody. LACTB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human LACTB Antibody is added and binds to LACTB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LACTB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human LACTB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	455370
Molecular Weight	31,515 Da
NCBI Official Full Name	beta-lactamase
UniProt Protein Name	Beta-lactamase TEM
UniProt Gene Name	bla

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-elisa-kits/beta-lactamase/41279>