

Human beta-Lactamase inhibitor ELISA Kit | BLI elisa kit

Human beta-Lactamase inhibitor ELISA Kit

CATALOG #
AAA83327

REACTIVITY
Human

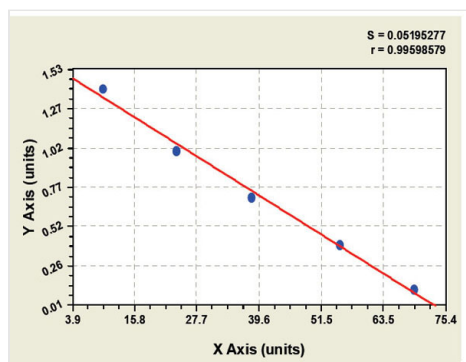
PRODUCT SYNONYMS

beta-Lactamase inhibitor; Human beta-Lactamase inhibitor ELISA Kit; Human b-Lactamase inhibitor ELISA Kit; BLI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BLI elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This BLI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BLI. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY BLI ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BLI antibody and an BLI-HRP conjugate. The assay sample and buffer are incubated together with BLI-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BLI concentration since BLI from samples and BLI-HRP conjugate compete for the anti-BLI antibody binding site. Since the number of sites is limited, as more sites are occupied by BLI from the sample, fewer sites are left to bind BLI-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BLI concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BLI elisa kit	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	294328152
NCBI Official Full Name	Beta-lactamase inhibitory protein

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bli-human-elisa-kits/beta-lactamase-inhibitor/83327>