

Human BOLA like protein 3 (BOLA3) ELISA Kit | BOLA3 elisa kit

Human BOLA like protein 3 (BOLA3) ELISA Kit

CATALOG #
AAA246379

REACTIVITY
Human

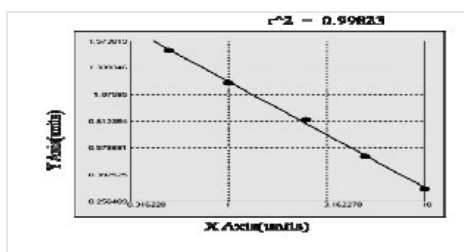
PRODUCT SYNONYMS

BOLA like protein 3 (BOLA3); Human BOLA like protein 3 (BOLA3) ELISA Kit; BOLA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BOLA3 elisa kit

Intended Uses: This BOLA3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BOLA3. This ELISA kit for research use only!

Principle of the Assay: BOLA3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BOLA3 antibody and an BOLA3-HRP conjugate. The assay sample and buffer are incubated together with BOLA3-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 BOLA3 concentration since BOLA3 from samples and BOLA3-HRP conjugate compete for the anti-BOLA3 antibody binding site. Since the number of sites is limited, as more sites are occupied by BOLA3 from the sample, fewer sites are left to bind BOLA3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BOLA3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for BOLA3 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	78486586
NCBI GeneID	388962
NCBI Accession #	NP_997717.2
NCBI GenBank Nucleotide #	NM_212552.2
Molecular Weight	11,569 Da
NCBI Official Full Name	bolA-like protein 3 isoform 1
NCBI Official Synonym Full Names	bolA family member 3
NCBI Official Symbol	BOLA3
NCBI Official Synonym Symbols	MMDS2
NCBI Protein Information	bolA-like protein 3; bolA homolog 3
UniProt Protein Name	BolA-like protein 3
UniProt Gene Name	BOLA3
UniProt Entry Name	BOLA3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/bola-like-protein-3-bola3/246379>