

Human Listeriolysin O ELISA Kit | LLO elisa kit

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CATALOG #
AAA87263

REACTIVITY
Human

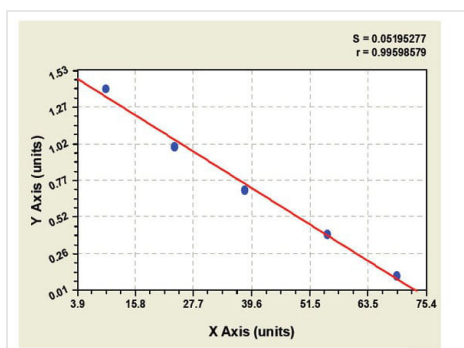
PRODUCT SYNONYMS

Listeriolysin O; Human Listeriolysin O ELISA Kit; LLO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This LLO ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human LLO. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LLO elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	194295378
Molecular Weight	58,675 Da
NCBI Official Full Name	Llo
UniProt Protein Name	Hly
UniProt Gene Name	hly
UniProt Synonym Gene Names	llo; lmo0202
UniProt Entry Name	Q6E942_LISMN

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/llo-human-elisa-kits/listeriolysin-o/87263>