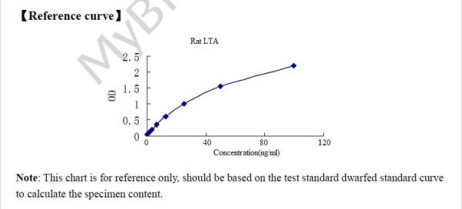
Lipoteichoic Acids (LTA) ELISA Kit for Rat

PRODUCT OVERVIEW

Product Name	lipoteichoic acids (LTA), ELISA Kit
Full Product Name	Rat lipoteichoic acids (LTA) ELISA Kit
Product Gene Name	LTA elisa kit
Species Reactivity	Rat
Assay Type	Sandwich
Samples	Rat serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant LTA concentration
Detection Range	100 ng/ml-1.56 ng/ml
Sensitivity	0.5 ng/ml.
Preparation and Storage	Store all reagents at 2-8 degree C.
Inter-assay Precision	<= 12%
Intra-assay Precision	<= 8%
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LTA elisa kit	**Principle of the Assay:** This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat LTA monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.
Other Notes	Small volumes of LTA elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LTA purchase	MBS265734 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the lipoteichoic acids (LTA) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing LTA. The ELISA analytical biochemical technique of the MBS265734 kit is based on LTA antibody-LTA antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect LTA antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, LTA. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of LTA elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LTA. It may not necessarily be applicable to this product.

Protein Family	Lymphotoxin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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