

Human Lymphotoxin-Alpha, LTA ELISA Kit | LTA elisa kit

Human Lymphotoxin-Alpha, LTA Primacu ELISA Kit

CATALOG #
AAA124411

REACTIVITY
Human

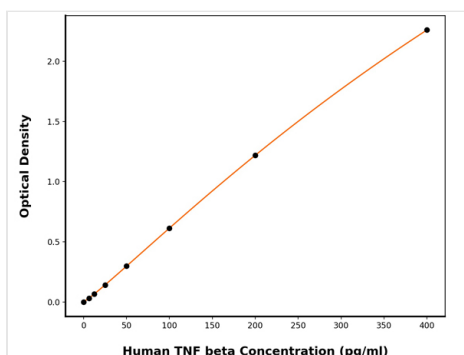
PRODUCT SYNONYMS

Lymphotoxin-Alpha; LTA; Human Lymphotoxin-Alpha; LTA Primacu ELISA Kit; Lymphotoxin-alpha; TNF beta; TNFB; TNFSF1; LTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	6.25-400pg/mL
Sensitivity	1.58pg/mL
Standard Solution	4ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for LTA elisa kit	Lymphotoxin-alpha, also known as LT-alpha, TNF-beta, Tumor necrosis factor ligand superfamily member 1, LTA TNFSF1, and TNFB, is a secreted protein that belongs to the tumor necrosis factor family. TNF-beta/TNFSF1/Lymphotoxin alpha is highly inducible, secreted, and exists as a homotrimeric molecule. It is a cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR, and TNFRSF14/HVEM. In its heterotrimeric form with LTB, TNF-beta/TNFSF1/Lymphotoxin alpha binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and cytotoxic for a wide range of tumor cells. TNF-beta/TNFSF1/Lymphotoxin alpha forms heterotrimers with lymphotoxin-beta which anchors lymphotoxin-alpha to the cell surface. It mediates a large variety of inflammatory, immunostimulatory, and antiviral responses. TNF-beta/TNFSF1/Lymphotoxin alpha is also involved in the formation of secondary lymphoid organs during development and plays a role in apoptosis. Genetic variations in TNF-beta/TNFSF1/Lymphotoxin alpha are a cause of susceptibility psoriatic arthritis which is an inflammatory, seronegative arthritis associated with psoriasis. It is a heterogeneous disorder ranging from a mild, non-destructive disease to a severe, progressive, erosive arthropathy.
Product Categories/Family for LTA elisa kit	Primacu ELISA Kit; Neuroscience; Cancer; Immunology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	31880318
NCBI GeneID	4049
UniProt Accession #	P01374; Q8N4C3; Q9UKS8
Molecular Weight	22,297 Da
NCBI Official Full Name	lymphotoxin alpha
NCBI Official Synonym Full Names	lymphotoxin alpha
NCBI Official Symbol	LTA
NCBI Official Synonym Symbols	LT; TNFB; TNFSF1
NCBI Protein Information	lymphotoxin-alpha; LT-alpha; TNF-beta; TNF superfamily, member 1; tumor necrosis factor beta; tumor necrosis factor ligand superfamily member 1
UniProt Protein Name	Lymphotoxin-alpha
UniProt Gene Name	LTA
UniProt Synonym Gene Names	TNFB; TNFSF1; LT-alpha
UniProt Entry Name	TNFB_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.