

## ARG82724 Human LTBR / Lymphotoxin beta Receptor ELISA Kit

Package: 96 wells

Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82724-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82724-002	Standard	2 X 10 ng/vial	4°C
ARG82724-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82724-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82724-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82724-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82724-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82724-008	25X Wash buffer	20 ml	4°C
ARG82724-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82724-010	STOP solution	10 ml (Ready to use)	4°C
ARG82724-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82724 Human LTBR / Lymphotoxin beta Receptor ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human LTBR / Lymphotoxin beta Receptor in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	LTBR / Lymphotoxin beta Receptor
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.6%

Inter-Assay CV: 5.6%

#### Alternate Names

TNF-RIII; LT-BETA-R; Tumor necrosis factor receptor superfamily member 3; TNF-R-III; TNFR-III; TNFR-RP; TNFR3; D12S370; Tumor necrosis factor C receptor; Tumor necrosis factor receptor 2-related protein; TNFCR; Tumor necrosis factor receptor type III; Lymphotoxin-beta receptor; TNFR2-RP; CD18; TNFRSF3

## Application Instructions

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Assay Time ~ 5 hours

## Properties

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Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol LTBR

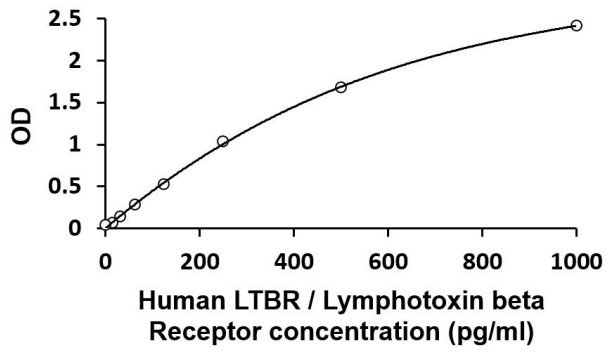
Gene Full Name lymphotoxin beta receptor (TNFR superfamily, member 3)

Background This gene encodes a member of the tumor necrosis factor receptor superfamily. The major ligands of this receptor include lymphotoxin alpha/beta and tumor necrosis factor ligand superfamily member 14. The encoded protein plays a role in signalling during the development of lymphoid and other organs, lipid metabolism, immune response, and programmed cell death. Activity of this receptor has also been linked to carcinogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Aug 2012]

Function Receptor for the heterotrimeric lymphotoxin containing LTA and LTB, and for TNFS14/LIGHT. Promotes apoptosis via TRAF3 and TRAF5. May play a role in the development of lymphoid organs. [UniProt]

Highlight Related products:  
[Lymphotoxin beta Receptor antibodies](#); [Lymphotoxin beta Receptor ELISA Kits](#);  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Membrane; Single-pass type I membrane protein. [UniProt]



ARG82724 Human LTBR / Lymphotoxin beta Receptor ELISA Kit standard curve image

ARG82724 Human LTBR / Lymphotoxin beta Receptor ELISA Kit results of a typical standard run with optical density reading at 450 nm.