

Product Datasheet

Mouse IL-15/IL-15R alpha Complex ELISA Kit (Colorimetric) NBP1-92667

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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Publications: 2

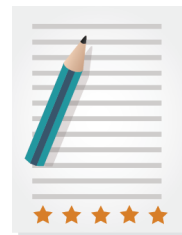
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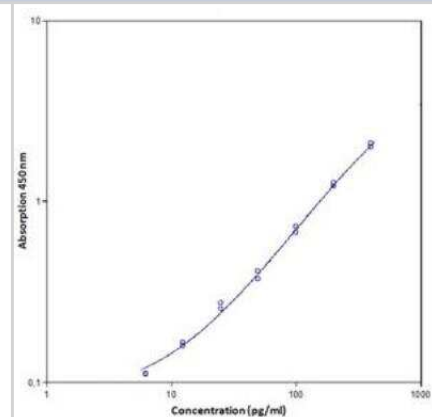
NBP1-92667**Mouse IL-15/IL-15R alpha Complex ELISA Kit (Colorimetric)**

Product Information	
Unit Size	96 Tests
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	The mouse IL-15/IL-15R ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of mouse IL-15/IL-15R.
Gene ID	3600
Gene Symbol	IL15
Species	Mouse
Specificity/Sensitivity	Recombinant mouse IL-15 has a cross reactivity of 2% in this assay when spiked in excess (100 ng/ml). The specificity of this ELISA has been confirmed with bone-marrow derived dendritic cells from IL-15 knock-out mice; Tissue culture supernatant from these cells following lipopolysaccharide (LPS) stimulation was negative for the presence of IL-15/IL-15R complex while wild type animals reveal more than 40 pg/ml.
Kit Components	Biotin-Conjugate anti-mouse IL-15/IL-15R polyclonal antibody, Streptavidin-HRP, Mouse IL-15/IL-15R Standard lyophilized, 400 pg/ml upon reconstitution, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Sample Diluent, Calibrator Diluent, Substrate Solution (tetramethyl-benzidine), Stop Solution (1M Phosphoric acid), Adhesive Films, Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to mouse IL-15/IL-15R
Standard Curve Range	6.3 - 400 pg/mL
Sensitivity	2.0 pg/mL
Inter Assay	CV% < 6.3%
Intra Assay	CV% < 5.3%
Assay Type	Sandwich ELISA
Spiking Recovery	Please see protocol for more specific Spike Recovery details.
Suitable Sample Type	Cell culture supernatant, serum, plasma (EDTA), buffered solution
Sample Volume	50 ul
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA



Images

ELISA: IL-15 ELISA Kit [NBP1-92667]



Publications

Hadas R, Gershon E, Cohen A et al. Hyaluronan control of the primary vascular barrier during early mouse pregnancy is mediated by uterine NK cells JCI Insight 2020-11-19 [PMID: 33208556] (ELISA)

Stroganov S Hyaluronan-NK cell Interaction Controls the Primary Vascular Barrier during Early Pregnancy bioRxiv 2020-01-01 (ELISA, Mouse)



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Products Related to NBP1-92667

210-TA-005	TNF-alpha [Unconjugated]
DY6924	IL-15/IL-15R alpha Complex [Biotin]
M6000B-1	IL-6 [HRP]
6507-IL-010/CF	IL-4 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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