



[Go to Product page](#)

## Datasheet for ABIN5692205 IL15RA ELISA Kit

### Overview

Quantity:	96 tests
Target:	IL15RA
Binding Specificity:	AA 31-172
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 pg/mL
Application:	ELISA

### Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human IL15RA. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO, Immunogen sequence: I31-T172
Sensitivity:	< 10 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

## Product Details

---

biotinylated antibody (dilution 1:100)  
Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)  
Sample diluent buffer  
Antibody diluent buffer  
ABC diluent buffer  
TMB color developing agent  
TMB stop solution  
Adhesive cover

## Target Details

---

Target:	IL15RA
Alternative Name:	IL15RA ( <a href="#">IL15RA Products</a> )
Background:	<p>Synonyms: Interleukin-15 receptor subunit alpha, IL-15 receptor subunit alpha, IL-15R-alpha, IL-15RA, CD215, Soluble interleukin-15 receptor subunit alpha, sIL-15 receptor subunit alpha, sIL-15R-alpha, sIL-15RA, IL15RA</p> <p>Tissue Specificity: Isoform 1, isoform 3, isoform 4, isoform 5, isoform 6, isoform 7, isoform 8 and isoform 9 are widely expressed. Expressed in fetal brain with higher expression in the hippocampus and cerebellum than in cortex and thalamus. Higher levels of soluble sIL-15RA form in comparison with membrane-bound forms is present in all brain structures.</p> <p>Background: Interleukin 15 receptor, alpha subunit is a subunit of the interleukin 15 receptor which is encoded by the gene IL15RA in humans. The human IL15RA gene was mapped to chromosome 10p15-p14 by FISH and the mouse Il15ra gene was mapped to chromosome 2. The cytoplasmic domain of IL15R-alpha, like that of IL2R-alpha, was dispensable for mitogenic signaling, suggesting that the primary role of the alpha chains is to confer high-affinity binding. At high concentrations, IL15, like IL2, was able to signal through a complex of IL2R-beta and -gamma in the absence of the alpha subunit. The soluble receptor displayed high affinity for IL15 and inhibited both binding of IL15 to the membrane receptor and IL15-induced cell proliferation.</p> <p>Cellular Localisation: Membrane.</p>
UniProt:	<a href="#">Q13261</a>
Pathways:	<a href="#">JAK-STAT Signaling</a>

## Application Details

---

Assay Time:	15 min
Plate:	Pre-coated
Restrictions:	For Research Use only

## Handling

---

Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months