

## ARG81457 Human IL17B Receptor ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG81457-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81457-002	Standard	2 X 10 ng/vial	4°C
ARG81457-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81457-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81457-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81457-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81457-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81457-008	25X Wash buffer	20 ml	4°C
ARG81457-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81457-010	STOP solution	10 ml (Ready to use)	4°C
ARG81457-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG81457 Human IL17B Receptor ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL17B Receptor in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	IL17B Receptor
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.3% Inter-Assay CV: 6.4%
Alternate Names	Cytokine receptor-like 4; Interleukin-17B receptor; Interleukin-17 receptor B; IL17RH1; CRL4; IL-17B receptor; IL-17 receptor homolog 1; IL-17RB; IL-17 receptor B; EVI27; IL-17Rh1; IL17BR; IL17Rh1

## Application Instructions

Assay Time	~ 5 hours
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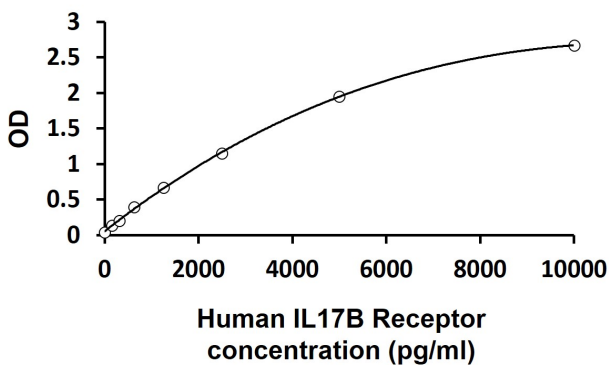
## Properties

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

Gene Symbol	IL17RB
Gene Full Name	interleukin 17 receptor B
Background	The protein encoded by this gene is a cytokine receptor. This receptor specifically binds to IL17B and IL17E, but does not bind to IL17 and IL17C. This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. The expression of the rat counterpart of this gene was found to be significantly up-regulated during intestinal inflammation, which suggested the immunoregulatory activity of this receptor. [provided by RefSeq, Jul 2008]
Function	Receptor for the proinflammatory cytokines IL17B and IL17E. May play a role in controlling the growth and/or differentiation of hematopoietic cells. [UniProt]
Highlight	Related products:  New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>

## Images



ARG81457 Human IL17B Receptor ELISA Kit standard curve image

ARG81457 Human IL17B Receptor ELISA Kit results of a typical standard run with optical density reading at 450 nm.