

ARG82562 Human IL17RD ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82562-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82562-002	Standard	2 X 10 ng/vial	4°C
ARG82562-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82562-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82562-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82562-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82562-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82562-008	25X Wash buffer	20 ml	4°C
ARG82562-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82562-010	STOP solution	10 ml (Ready to use)	4°C
ARG82562-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82562 Human IL17RD ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL17RD in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	IL17RD
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.3% Inter-Assay CV: 6.2%

Alternate Names	hSef; IL-17RD; Interleukin-17 receptor D; Interleukin-17 receptor-like protein; IL17Rhom; Sef homolog; SEF; IL17RLM; IL-17 receptor D; HH18
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Application Instructions

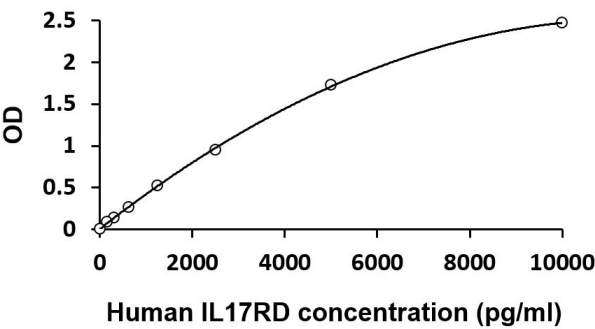
Assay Time	~ 5 hours
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Properties

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	IL17RD
Gene Full Name	interleukin 17 receptor D
Background	This gene encodes a membrane protein belonging to the interleukin-17 receptor (IL-17R) protein family. The encoded protein is a component of the interleukin-17 receptor signaling complex, and the interaction between this protein and IL-17R does not require the interleukin (PMID: 19079364). The gene product also affects fibroblast growth factor signaling, inhibiting or stimulating growth through MAPK/ERK signaling (PMID: 21663947, 18096367). [provided by RefSeq, Nov 2011]
Function	Feedback inhibitor of fibroblast growth factor mediated Ras-MAPK signaling and ERK activation. May inhibit FGF-induced FGFR1 tyrosine phosphorylation. Regulates the nuclear ERK signaling pathway by spatially blocking nuclear translocation of activated ERK without inhibiting cytoplasmic phosphorylation of ERK. Mediates JNK activation and may be involved in apoptosis. Might have a role in the early stages of fate specification of GnRH-secreting neurons (By similarity). [UniProt]
Highlight	Related products: IL17R antibodies ; IL17R ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Golgi apparatus membrane; Single-pass type I membrane protein. Cell membrane; Single-pass type I membrane protein. Note=Predominantly associated with the Golgi apparatus and is partially translocated to the plasma membrane upon stimulation. Isoform 4: Cytoplasm. [UniProt]



ARG82562 Human IL17RD ELISA Kit standard curve image

ARG82562 Human IL17RD ELISA Kit results of a typical standard run with optical density reading at 450 nm.