

ARG81617 Human IL19 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81617-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81617-002	Standard	2 X 10 ng/vial	4°C
ARG81617-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81617-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81617-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81617-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81617-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81617-008	25X Wash buffer	20 ml	4°C
ARG81617-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81617-010	STOP solution	10 ml (Ready to use)	4°C
ARG81617-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81617 Human IL19 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL19 in serum, plasma (heparin, EDTA), urine and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	IL19
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (heparin, EDTA), urine and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.9% Inter-Assay CV: 7.0%
Alternate Names	Interleukin-19; IL-10C; ZMDA1; IL-19; MDA1; NG.1; Melanoma differentiation-associated protein-like protein

Application Instructions

Assay Time	~ 5 hours
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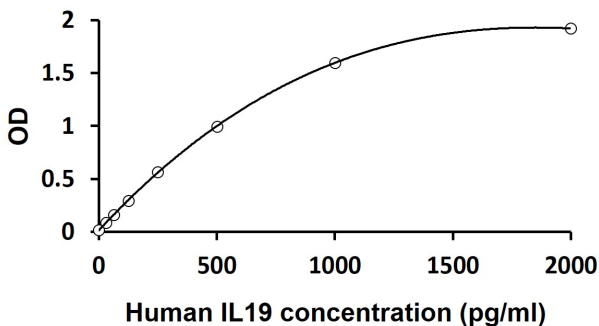
Properties

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	IL19
Gene Full Name	interleukin 19
Background	The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcript variants encoding the distinct isoforms have been described. [provided by RefSeq, Jul 2008]
Function	May play some important roles in inflammatory responses. Up-regulates IL-6 and TNF-alpha and induces apoptosis (By similarity). [UniProt]
Highlight	Related products: IL19 antibodies ; IL19 ELISA Kits ; IL19 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81617 Human IL19 ELISA Kit standard curve image

ARG81617 Human IL19 ELISA Kit results of a typical standard run with optical density reading at 450 nm.