

ARG81896 Mouse IL20 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81896-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81896-002	Standard	2 X 10 ng/vial	4°C
ARG81896-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81896-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81896-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81896-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81896-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81896-008	25X Wash buffer	20 ml	4°C
ARG81896-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81896-010	STOP solution	10 ml (Ready to use)	4°C
ARG81896-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81896 Mouse IL20 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IL20 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	IL20
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.2%; Inter-Assay CV: 7.1%
Alternate Names	Interleukin-20; IL-20; IL10D; Cytokine Zcyto10; ZCYTO10

Application Instructions

Assay Time	~ 5 hours
------------	-----------

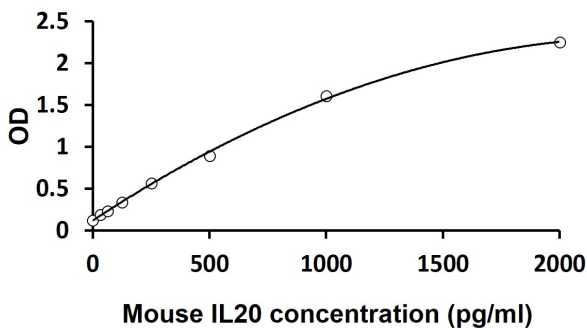
Properties

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	IL20
Gene Full Name	interleukin 20
Background	The protein encoded by this gene is a cytokine structurally related to interleukin 10 (IL10). This cytokine has been shown to transduce its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis. [provided by RefSeq, Jul 2008]
Function	Proinflammatory and angiogenic cytokine that may be involved in epidermal function and psoriasis. Angiogenic and proliferative activities are antagonized by IL10. May act through STAT3. [UniProt]
Highlight	Related products: IL20 antibodies ; IL20 ELISA Kits ; IL20 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81896 Mouse IL20 ELISA Kit standard curve image

ARG81896 Mouse IL20 ELISA Kit results of a typical standard run with optical density reading at 450 nm.