

ARG83015 Mouse IL38 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package
ARG83015-01	Antibody-coated microplate	8 X 12 strips
ARG83015-02	Standard	3 X 15 ng/vials
ARG83015-03	Standard diluent buffer	20 ml
ARG83015-04	Antibody conjugate concentrate	1 vial
ARG83015-05	Antibody diluent buffer	16 ml
ARG83015-06	HRP-Streptavidin concentrate	1 vial
ARG83015-07	HRP-Streptavidin diluent buffer	16 ml
ARG83015-08	20X Wash buffer	50 ml
ARG83015-09	TMB substrate	12 ml
ARG83015-10	STOP solution	12 ml
ARG83015-11	Plate sealer	4 strips

Summary

Product Description	ARG83015 Mouse IL38 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IL38 in serum, plasma (heparin), ascites, urine and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	Not cross-reacts with: Human IL1ra, IL1 Rrp, IL31, IL37, IL38. Mouse IL1ra, IL1 Rrp, IL22, IL23, IL27, IL33. Rat IL1ra, IL1 Rrp, IL38.
Target Name	IL38
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.2 ng/ml
Sample Type	Serum, plasma (heparin), ascites, urine and cell culture supernatants.
Standard Range	0.4 - 30 ng/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	IL1F10; Interleukin 1 Family Member 10; IL-1HY2; IL1-Theta; IL-1F10; FKSG75; Interleukin-1 Receptor Antagonist FKSG75; Interleukin-1 Family Member 10; Family Of Interleukin 1-Theta; Interleukin-1 HY2; Interleukin-38; FIL1 Theta; IL-1 Theta; MGC119832; MGC119833; MGC11983; IL1HY2; IL-38; Interleukin-1 Receptor Antagonist-Like FIL1 Theta; Interleukin 1 Family, Member 10 (Theta); Interleukin 1 Family Member 10 (Theta); IL-1F10 (Canonical Form IL-1F10a); Interleukin-1 Theta; FIL1- Theta; FIL1-Theta; FIL1T; IL38

Application Instructions

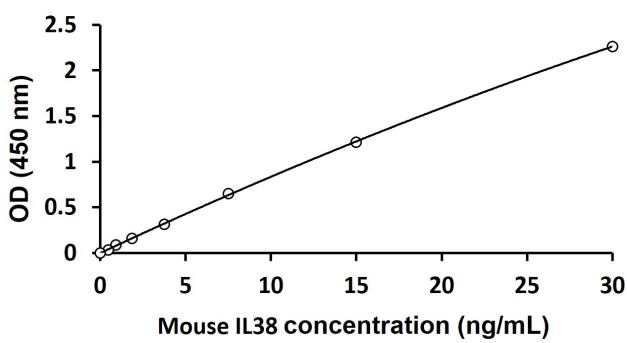
Assay Time	~ 4 hours
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Properties

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	IL1F10
Gene Full Name	Interleukin 1 Family Member 10
Background	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. This cytokine is thought to participate in a network of interleukin 1 family members to regulate adapted and innate immune responses. Two alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]
Function	Cytokine with immunomodulatory activity. Alone, does not induce cytokine production, but reduces IL22 and IL17A production by T-cells in response to heat-killed <i>Candida albicans</i> . Reduces IL36G-induced production of IL8 by peripheral blood mononuclear cells. Increases IL6 production by dendritic cells stimulated by bacterial lipopolysaccharides (LPS). Ligand for IL-36R/IL1RL2. [Uniprot]
Highlight	Related products: IL38 antibodies ; IL38 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Cytoplasm, secreted. [UniProt]



ARG83015 Mouse IL38 ELISA Kit standard curve image

ARG83015 Mouse IL38 ELISA Kit results of standard run with optical density reading at 450 nm