

ARG82064 Mouse IL38 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

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| Product Description | Mouse IL38 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IL38 in serum, plasma and cell culture supernatants. |
| Tested Reactivity | Ms |
| Tested Application | ELISA |
| Target Name | IL38 |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Sensitivity | 125 pg/ml |
| Sample Type | Serum, plasma and cell culture supernatants. |
| Standard Range | 250 - 16000 pg/ml |
| Sample Volume | 100 µl |
| 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

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| Assay Time | 4.5 hours |
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Properties

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| 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. |

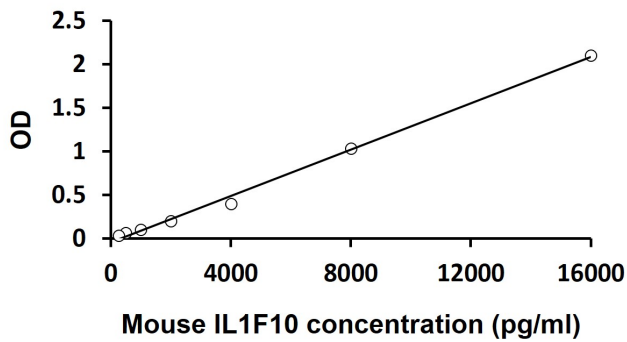
Bioinformation

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| Gene Symbol | IL1F10 |
| Gene Full Name | interleukin 1 family, member 10 (theta) |
| 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]

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| 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: IL1F10 antibodies ; IL1F10 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData |
| Cellular Localization | Secreted. [UniProt] |

Images



ARG82064 Mouse IL1F10 ELISA Kit standard curve image

ARG82064 Mouse IL1F10 ELISA Kit results of a typical standard run with optical density reading at 450 nm.