

ARG81784 Rat CCL4 / MIP1 beta ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81784-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81784-002	Standard	2 X 10 ng/vial	4°C
ARG81784-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81784-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81784-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81784-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81784-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81784-008	25X Wash buffer	20 ml	4°C
ARG81784-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81784-010	STOP solution	10 ml (Ready to use)	4°C
ARG81784-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81784 Rat CCL4 / MIP1 beta ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat CCL4 / MIP1 beta in serum, plasma (heparin, EDTA, citrate) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CCL4 / MIP1 beta
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma (heparin, EDTA, citrate) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.5%; Inter-Assay CV: 6.5%
Alternate Names	ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; AT744.1; MIP-1-beta

Application Instructions

Assay Time	~ 5 hours
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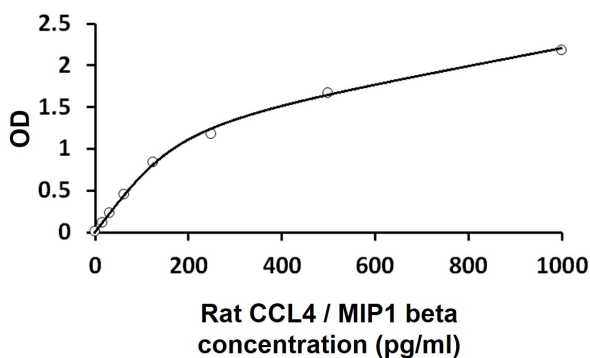
Properties

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	CCL4
Gene Full Name	C-C motif chemokine ligand 4
Background	The protein encoded by this gene is a mitogen-inducible monokine and is one of the major HIV-suppressive factors produced by CD8+ T-cells. The encoded protein is secreted and has chemokinetic and inflammatory functions. [provided by RefSeq, Dec 2012]
Function	Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-beta induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form MIP-1-beta(3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. MIP-1-beta(3-69) is also a ligand for CCR1 and CCR2 isoform B. [UniProt]
Highlight	Related products: CCL4 antibodies ; CCL4 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81784 Rat CCL4 / MIP1 beta ELISA Kit standard curve image

ARG81784 Rat CCL4 / MIP1 beta ELISA Kit results of a typical standard run with optical density reading at 450 nm.