

ARG82963 Canine IL12 / 23 P40 ELISA kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82963 Canine IL12 / 23 P40 ELISA kit is an Enzyme Immunoassay kit for the quantification of Canine IL12 / 23 P40 in serum, plasma and cell culture supernatants.
Tested Reactivity	Dog
Tested Application	ELISA
Target Name	IL12 / IL23 p40
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.3 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	CLMF; Interleukin-12 subunit beta; NK cell stimulatory factor chain 2; NKSF; CLMF p40; NKSF2; Cytotoxic lymphocyte maturation factor 40 kDa subunit; CLMF2; IL-12 subunit p40; IMD29; IMD28; IL-12B

Application Instructions

Assay Time	~ 3.5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 4°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	IL12B
Gene Full Name	interleukin 12B
Background	The IL12 p40 chain can form a novel cytokine (IL23) when it joins a p19 chain. IL12 and IL23 show overlapping (and some distinct) biological characteristics. Overexpression of IL12 p40 may be involved in a variety of immunopathologies, including Crohn's disease.
Highlight	Related products:

[IL12 / IL23 p40 antibodies:](#) [IL12 / IL23 p40 ELISA Kits:](#)

New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area

Cancer kit; Immune System kit

PTM

Known to be C-mannosylated in the recombinant protein; it is not yet known for sure if the wild-type protein is also modified.