

ARG82495 Rat FLT3 Ligand ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82495-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82495-002	Standard	2 X 10 ng/vial	4°C
ARG82495-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82495-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82495-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82495-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82495-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82495-008	25X Wash buffer	20 ml	4°C
ARG82495-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82495-010	STOP solution	10 ml (Ready to use)	4°C
ARG82495-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82495 Rat FLT3 Ligand ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat FLT3 Ligand in serum and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Target Name	FLT3 Ligand
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.3% Inter-Assay CV: 6.1%

Alternate Names FLT3L; SL cytokine; Fms-related tyrosine kinase 3 ligand; Flt3L; Flt3 ligand; FL

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 FLT3LG

Gene Full Name fms-related tyrosine kinase 3 ligand

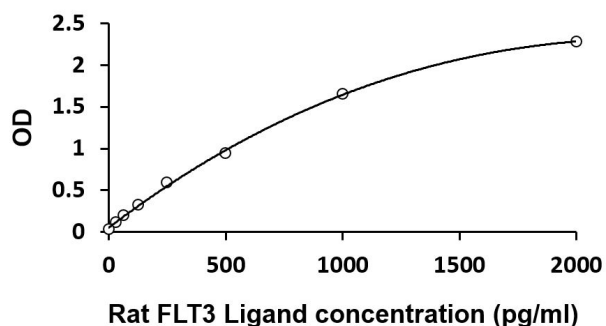
Background Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3LG controls the development of DCs and is particularly important for plasmacytoid DCs and CD8 (see MIM 186910)-positive classical DCs and their CD103 (ITGAE; MIM 604682)-positive tissue counterparts (summary by Sathaliyawala et al., 2010 [PubMed 20933441]).[supplied by OMIM, Jan 2011]

Function Stimulates the proliferation of early hematopoietic cells by activating FLT3. Synergizes well with a number of other colony stimulating factors and interleukins. [UniProt]

Highlight Related products:
[FLT3 Ligand antibodies](#); [FLT3 Ligand ELISA Kits](#); [FLT3 Ligand recombinant proteins](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Isoform 1: Cell membrane; Single-pass type I membrane protein. Isoform 2: Secreted. [UniProt]

Images



ARG82495 Rat FLT3 Ligand ELISA Kit standard curve image

ARG82495 Rat FLT3 Ligand ELISA Kit results of a typical standard run with optical density reading at 450 nm.