

Rat Flt3L (FMS Like Tyrosine Kinase 3 Ligand) ELISA Kit | Flt3L elisa kit

Rat Flt3L (FMS Like Tyrosine Kinase 3 Ligand)

CATALOG #
AAA102650

REACTIVITY
Rat

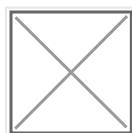
PRODUCT SYNONYMS

Flt3L (FMS Like Tyrosine Kinase 3 Ligand); Rat Flt3L (FMS Like Tyrosine Kinase 3 Ligand); Flt3L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Flt3L . No significant cross-reactivity or interference between Flt3L and analogues was observed.
Sequence Length	232
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Flt3L were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Flt3L were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Flt3L elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Flt3L antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Flt3L antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Flt3L amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Flt3L can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	227430331
NCBI GeneID	14256
NCBI Accession #	NP_038548.3
NCBI GenBank Nucleotide #	NM_013520.3
Molecular Weight	28,259 Da
NCBI Official Full Name	fms-related tyrosine kinase 3 ligand
NCBI Official Synonym Full Names	FMS-like tyrosine kinase 3 ligand
NCBI Official Symbol	Flt3l
NCBI Official Synonym Symbols	Ly72L; Flt3lg
NCBI Protein Information	fms-related tyrosine kinase 3 ligand
UniProt Protein Name	Fms-related tyrosine kinase 3 ligand
UniProt Gene Name	Flt3lg
UniProt Synonym Gene Names	Flt3l; Flt3 ligand; Flt3L
UniProt Entry Name	FLT3L_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/flt3l-fms-like-tyrosine-kinase-3-ligand/102650>