

Mouse FMS-like tyrosine kinase 3 ligand ELISA Kit | Flt-3l elisa kit

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CATALOG #
AAA86347

REACTIVITY
Mouse

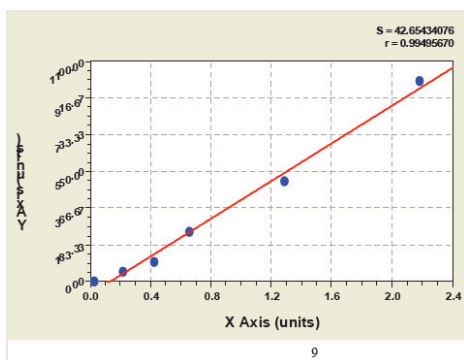
PRODUCT SYNONYMS

FMS-like tyrosine kinase 3 ligand; Mouse FMS-like tyrosine kinase 3 ligand ELISA Kit; Flt-3l elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Competitive or Sandwich
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL.
Intended Uses	This FLT-3L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse FLT-3L. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample C)

ADDITIONAL INFORMATION

Related Product Information for Flt-3l elisa kit

Principle of the Assay: FLT-3L ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FLT-3L. Standards or samples are then added to the microtiter plate wells and FLT-3L if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FLT-3L present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for FLT-3L are added to each well to "sandwich" the FLT-3L immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FLT-3L and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FLT-3L concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30794350
NCBI GeneID	282233
NCBI Accession #	NP_851373.1
NCBI GenBank Nucleotide #	NM_181030.2
UniProt Accession #	Q8WNW1; Q9GKD9; Q9GKE0
Molecular Weight	32,389 Da
NCBI Official Full Name	fms-related tyrosine kinase 3 ligand
NCBI Official Synonym Full Names	fms-related tyrosine kinase 3 ligand<
NCBI Official Symbol	FLT3LG
NCBI Protein Information	fms-related tyrosine kinase 3 ligand; fms-like tyrosine kinase 3 ligand
UniProt Protein Name	Flt3 ligand
UniProt Gene Name	flt3 ligand
UniProt Entry Name	Q8WNW1_BOVIN

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/flt-3l-mouse-elisa-kits/fms-like-tyrosine-kinase-3-ligand/86347>