

## Rat Flt-3 ligand ELISA Kit | FLT3LG elisa kit

Rat Flt-3 ligand PicoKine ELISA Kit

CATALOG #  
**AAA125307**

REACTIVITY  
**Rat**

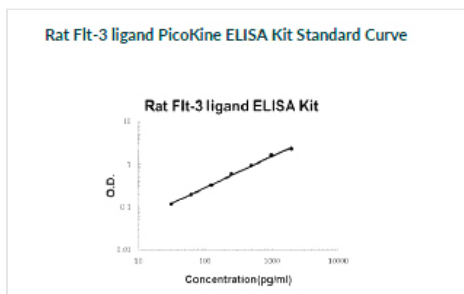
### PRODUCT SYNONYMS

Flt-3 ligand; Rat Flt-3 ligand PicoKine ELISA Kit; Rat Flt-3 ligand; Fms-related tyrosine kinase 3 ligand; Flt3lg; FLT3LG elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                  |
| Specificity             | Natural and recombinant Rat Flt3lg                                                                                                                   |
| Samples                 | Cell culture supernates and serum                                                                                                                    |
| Detection Range         | 31.2pg/ml-2000pg/ml                                                                                                                                  |
| Sensitivity             | <10pg/ml                                                                                                                                             |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.    |
| Inter-assay Precision   | Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision. |
| Preparation and Storage | Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.                                            |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Related Product Information for FLT3LG elisa kit | <p>Principle of the Assay: The Picokine™ Rat Flt3lg Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat Flt3lg with a 96-well strip plate that is pre-coated with antibody specific for Flt3lg. The detection antibody is a biotinylated antibody specific for Flt3lg. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Rat Flt3lg with immunogen: Expression system for standard: NSO, Immunogen sequence: G27-R188. The kit is analytically validated with ready to use reagents. To measure Rat Flt3lg, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Rat Flt3lg in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Rat Flt3lg in the sample.!!Background/Introduction: Fms-related tyrosine kinase 3 ligand (FLT3LG) is a protein which in humans is encoded by the FLT3LG gene. It is mapped to 1q22. Flt3 ligand (FL) is a hematopoietic four helical bundle cytokine. It is structurally homologous to stem cell factor (SCF) and colony stimulating factor 1 (CSF-1). In synergy with other growth factors, Flt3 ligand stimulates the proliferation and differentiation of various blood cell progenitors. For example, it is a major growth factor stimulating the growth of dendritic cells.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|--------------------------------------|
| NCBI GeneID                      | 103691134                            |
| NCBI Official Synonym Full Names | fms-related tyrosine kinase 3 ligand |
| NCBI Official Symbol             | Flt3lg                               |
| NCBI Protein Information         | fms-related tyrosine kinase 3 ligand |

**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/flt3lg-rat-elisa-kits/flt-3-ligand/125307>