

Human fms-related tyrosine kinase 3 ELISA Kit | FLT3 elisa kit

Human FMS-like tyrosine kinase 3, Flt3 ELISA Kit

CATALOG #
AAA79701

REACTIVITY
Human

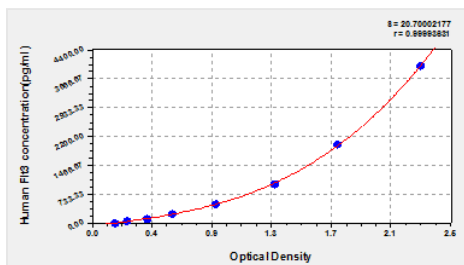
PRODUCT SYNONYMS

fms-related tyrosine kinase 3; Human FMS-like tyrosine kinase 3; Flt3 ELISA Kit; RP11-153M24.3; CD135; FLK2; STK1; CD135 antigen; FL cytokine receptor; FLT3 receptor tyrosine kinase; fetal liver kinase 2; growth factor receptor tyrosine kinase type III; stem cell tyrosine kinase 1; ty; FLT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human Flt3. No significant cross-reactivity or interference between human Flt3 and analogues was observed.
Sequence Length	993
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLT3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Flt3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Flt3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Flt3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Flt3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121114304
NCBI GeneID	2322
NCBI Accession #	NP_004110.2
NCBI GenBank Nucleotide #	NM_004119.2
UniProt Accession #	P36888; Q13414; A0AVG9; B7ZLT7; B7ZLT8; F5H0A0
Molecular Weight	112,903 Da
NCBI Official Full Name	receptor-type tyrosine-protein kinase FLT3
NCBI Official Synonym Full Names	fms-related tyrosine kinase 3
NCBI Official Symbol	FLT3
NCBI Official Synonym Symbols	FLK2; STK1; CD135; FLK-2
NCBI Protein Information	receptor-type tyrosine-protein kinase FLT3; STK-1; CD135 antigen; FL cytokine receptor; fetal liver kinase 2; fms-like tyrosine kinase 3; stem cell tyrosine kinase 1; growth factor receptor tyrosine kinase type III
UniProt Protein Name	Receptor-type tyrosine-protein kinase FLT3
UniProt Gene Name	FLT3
UniProt Synonym Gene Names	CD135; FLK2; STK1; FLK-2; FLT-3; STK-1
UniProt Entry Name	FLT3_HUMAN

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/flt3-human-elisa-kits/fms-related-tyrosine-kinase-3/79701>