

Human AF-10 ELISA Kit | MLLT10 elisa kit

Human Protein AF-10 (MLLT10) ELISA Kit

CATALOG # AAA55860	REACTIVITY Human
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PRODUCT SYNONYMS

AF-10; Human Protein AF-10 (MLLT10) ELISA Kit; RP11-399C16.2; AF10; DKFZp686E10210; MGC75086; ALL-1 fused gene from chromosome 10|myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog); translocated to; 10|myeloid/lymphoid or mixed-linea; MLLT10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MLLT10. No significant cross-reactivity or interference between Human MLLT10 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.15 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for MLLT10 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate MLLT10 in Human serum, plasma. An antibody specific for MLLT10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MLLT10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MLLT10 is added to the wells. After washing, Streptavidin 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 MLLT10 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Protein AF-10 (MLLT10) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	307548832
NCBI GeneID	8028
NCBI Accession #	NP_001182555.1
NCBI GenBank Nucleotide #	NM_001195626.1
UniProt Accession #	P55197; Q5JT37; Q5VX90; Q66K63; B1ANA8

Molecular Weight	20,047 Da
NCBI Official Full Name	protein AF-10 isoform c
NCBI Official Synonym Full Names	MLLT10, histone lysine methyltransferase DOT1L cofactor
NCBI Official Symbol	MLLT10
NCBI Official Synonym Symbols	AF10
NCBI Protein Information	protein AF-10
UniProt Protein Name	Protein AF-10
UniProt Gene Name	MLLT10
UniProt Synonym Gene Names	AF10

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://www.aaabiotech.com/mlt10-human-elisa-kits/af-10/55860>