

Human AF4/FMR2 Family, Member 1 (AFF1) ELISA Kit | AFF1 elisa kit

Human AF4/FMR2 Family, Member 1 (AFF1) ELISA Kit

CATALOG #
AAA138714

REACTIVITY
Human

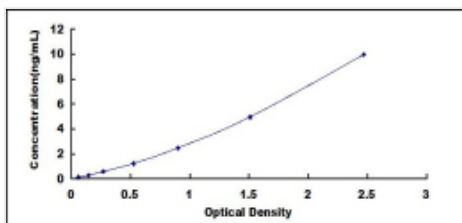
PRODUCT SYNONYMS

AF4/FMR2 Family; Member 1 (AFF1); Human AF4/FMR2 Family; Member 1 (AFF1) ELISA Kit; AF-4; AF4; AF4-MLL; MLL/AF4; MLLT2; PBM1; Myeloid/Lymphoid Or Mixed-Lineage Leukemia; Translocated To 2; Pre-B-Cell Monocytic Leukemia Partner 1; AFF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AF4/FMR2 Family, Member 1 (AFF1). No significant cross-reactivity or interference between AF4/FMR2 Family, Member 1 (AFF1) and analogues was observed.
Sequence Length	1,211
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level AF4/FMR2 Family, Member 1 (AFF1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level AF4/FMR2 Family, Member 1 (AFF1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AFF1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to AF4/FMR2 Family, Member 1 (AFF1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to AF4/FMR2 Family, Member 1 (AFF1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain AF4/FMR2 Family, Member 1 (AFF1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of AF4/FMR2 Family, Member 1 (AFF1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for AFF1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174573
NCBI GeneID	4299
NCBI Accession #	NP_005926.1
NCBI GenBank Nucleotide #	NM_005935.2
UniProt Accession #	P51825; B4DTU1; E9PBM3
Molecular Weight	131,578 Da
NCBI Official Full Name	AF4/FMR2 family member 1 isoform 2
NCBI Official Synonym Full Names	AF4/FMR2 family, member 1
NCBI Official Symbol	AFF1
NCBI Official Synonym Symbols	AF4; PBM1; MLLT2
NCBI Protein Information	AF4/FMR2 family member 1
UniProt Protein Name	AF4/FMR2 family member 1
UniProt Gene Name	AFF1
UniProt Synonym Gene Names	AF4; FEL; MLLT2; PBM1; Protein AF-4
UniProt Entry Name	AFF1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/af4-fmr2-family-member-1-aff1/138714>