

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

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CATALOG #
AAA331140

REACTIVITY
Human

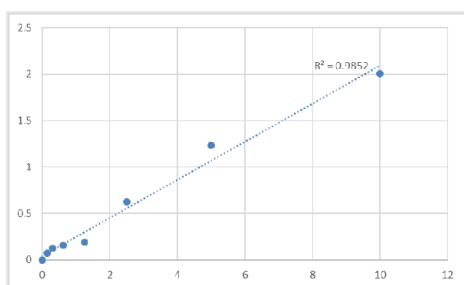
PRODUCT SYNONYMS

AF4/FMR2 Family Member 1 (AFF1); Human AF4/FMR2 Family Member 1 (AFF1) ELISA Kit; AFF1; AF4; MGC134969; MLLT2; PBM1; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog; Drosophila); translocated to; 2; myeloid/lymphoid or mixed-lineage leukemia trithorax homolog 2; pre-B-cell; AFF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human AF4/FMR2 family member 1 (AFF1) ELISA Kit has high sensitivity and excellent specificity for detection of Human AFF1. No significant cross-reactivity or interference between Human AFF1 and analogues was observed.
Sequence Length	1218
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human AF4/FMR2 family member 1 (AFF1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for AFF1 elisa kit	Description: This Human AF4/FMR2 family member 1 (AFF1) ELISA Kit employs a two-site sandwich ELISA to quantitate AFF1 in samples. An antibody specific for AFF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AFF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AFF1 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 AFF1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The sequence of the complete open reading frame for this fusion transcript revealed that the MLL protein is homologous with DNA methyltransferase, the Drosophila trithorax gene product, and the 'AT-hook' motif of high mobility group proteins. An alternative splice that deletes the AT-hook region of MLL was identified. AF4 is a serine- and proline-rich putative transcription factor with a glutamine-rich carboxyl terminus. The composition of the complete MLL-AF4 fusion product argues that it may act through either a gain-of-function or a dominant-negative mechanism in leukemogenesis. This gene is also symbolized MLLT2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262359911
NCBI GeneID	4299
NCBI Accession #	NP_001160165.1
NCBI GenBank Nucleotide #	NP_001160165.1
UniProt Accession #	P51825
NCBI Official Full Name	AF4/FMR2 family member 1 isoform 1
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.