

Human, Mouse AF10 ELISA Kit | AF10 elisa kit

AF10 Colorimetric Cell-Based ELISA Kit

CATALOG #
AAA315562

REACTIVITY
Human, Mouse

PRODUCT SYNONYMS

AF10; AF10 Colorimetric Cell-Based ELISA Kit; Protein AF-10; MLLT10; AF10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Form/Format	One 96-Well Plate
Sequence Length	1068
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for AF10 elisa kit	Background/Introduction: The Colorimetric Cell-Based ELISA Kit allows for the detection of various target proteins and the effects that certain stimulation conditions have on target protein expression in different cell lines. Qualitative determination of target protein concentration is achieved by an indirect ELISA format. In essence, the target protein is captured by target-specific primary (1 degree) antibodies while the HRP-conjugated secondary (2 degree) antibodies bind the Fc region of the 1 degree antibody. Through this binding, the HRP enzyme conjugated to the 2 degree antibody can catalyze a colorimetric reaction upon substrate addition. Due to the qualitative nature of the Cell- Based ELISA, multiple normalization methods are described: 1) a monoclonal antibody specific for human GAPDH is included to serve as an internal positive control in normalizing the target absorbance values. 2) Following the colorimetric measurement of HRP activity via substrate addition, the Crystal Violet whole-cell staining method is used to determine cell density. After staining, the results can be analyzed by normalizing the absorbance values to cell amounts, by which the plating difference can be adjusted. 3) If a phosphorylated target is being detected, an antibody against the non-phosphorylated counterpart will be provided for normalization purposes. The absorbance values obtained for the nonphosphorylated target can be used to normalize the absorbance values for the phosphorylated target.
Product Categories/Family for AF10 elisa kit	Cell Based ELISA Kit

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	109 kDa
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/human-mouse-elisa-kits/af10/315562>