Human Myelin Transcription Factor 1 (MYT1) ELISA Kit | MYT1 elisa kit

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CATALOG #	REACTIVITY
AAA331564	**Human**

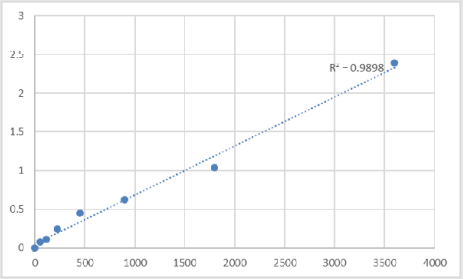
PRODUCT SYNONYMS

Myelin Transcription Factor 1 (MYT1); Human Myelin Transcription Factor 1 (MYT1) ELISA Kit; MYT1; C20orf36; MTF1; MYTI; PLPB1; proteolipid protein binding protein; MYT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Myelin transcription factor 1 (MYT1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MYT1. No significant cross-reactivity or interference between Human MYT1 and analogues was observed.
Sequence Length	1121
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 Myelin transcription factor 1 (MYT1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MYT1 elisa kit	Description: This Human Myelin transcription factor 1 (MYT1) ELISA Kit employs a two-site sandwich ELISA to quantitate MYT1 in samples. An antibody specific for MYT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYT1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MYT1 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 MYT1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Myelin transcription factor 1 encoded by MYT1 is a member of a family of neural specific, zinc finger-containing DNA-binding proteins. The protein binds to the promoter regions of proteolipid proteins of the central nervous system and plays a role in the developing nervous system.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17975763
NCBI GeneID	4661
NCBI Accession #	NP_004526.1
NCBI GenBank Nucleotide #	NP_004526.1
UniProt Accession #	Q01538
NCBI Official Full Name	myelin transcription factor 1
NCBI Official Synonym Full Names	myelin transcription factor 1
NCBI Official Symbol	MYT1
NCBI Official Synonym Symbols	MTF1; MYTI; NZF2; PLPB1; ZC2H2C1; ZC2HC4A; C20orf36
NCBI Protein Information	myelin transcription factor 1
UniProt Protein Name	Myelin transcription factor 1
UniProt Gene Name	**MYT1**
UniProt Synonym Gene Names	KIAA0835; KIAA1050; MTF1; MYTI; PLPB1; MyT1; MyTI
UniProt Entry Name	MYT1_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/human-elisa-kits/myelin-transcription-factor-1-myt1/331564