Human Probable Histone Acetyltransferase MYST1 (MYST1) ELISA Kit | MYST1 elisa kit

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CATALOG #	REACTIVITY
AAA331568	**Human**

PRODUCT SYNONYMS

Probable Histone Acetyltransferase MYST1 (MYST1); Human Probable Histone Acetyltransferase MYST1 (MYST1) ELISA Kit; MYST1; FLJ14040; KAT8; MOF; hMOF; MOZ; YBF2/SAS3; SAS2 and TIP60 protein 1; histone acetyltransferase MYST1; ortholog of Drosophila males absent on the first (MOF); MYST1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Probable histone acetyltransferase MYST1 (MYST1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MYST1. No significant cross-reactivity or interference between Human MYST1 and analogues was observed.
Sequence Length	458
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 Probable histone acetyltransferase MYST1 (MYST1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MYST1 elisa kit	Description: This Human Probable histone acetyltransferase MYST1 (MYST1) ELISA Kit employs a two-site sandwich ELISA to quantitate MYST1 in samples. An antibody specific for MYST1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYST1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MYST1 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 MYST1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MYST1 encodes a member of the MYST histone acetylase protein family. The encoded protein has a characteristic MYST domain containing an acetyl-CoA-binding site, a chromodomain typical of proteins which bind histones, and a C2HC-type zinc finger. Multiple transcript variants encoding different isoforms have been found for MYST1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68565938
NCBI GeneID	84148
UniProt Accession #	Q9H7Z6
NCBI Official Full Name	Histone acetyltransferase KAT8
NCBI Official Synonym Full Names	lysine acetyltransferase 8
NCBI Official Symbol	KAT8
NCBI Official Synonym Symbols	MOF; hMOF; MYST1; ZC2HC8
NCBI Protein Information	histone acetyltransferase KAT8
UniProt Protein Name	Histone acetyltransferase KAT8
UniProt Gene Name	**KAT8**
UniProt Synonym Gene Names	MOF; MYST1; MYST-1; hMOF
UniProt Entry Name	KAT8_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/probable-histone-acetyltransferase-myst1-myst1/331568