

Human Histone Acetyltransferase MYST4 (MYST4) ELISA Kit | MYST4 elisa kit

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CATALOG #
AAA331565

REACTIVITY
Human

PRODUCT SYNONYMS

Histone Acetyltransferase MYST4 (MYST4); Human Histone Acetyltransferase MYST4 (MYST4) ELISA Kit; MYST4; DKFZp313G1618; FLJ90335; KAT6B; KIAA0383; MORF; MOZ2; qkf; querkopf; MOZ-related factor; histone acetyltransferase; monocytic leukemia zinc finger protein-related factor; MYST4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Histone acetyltransferase MYST4 (MYST4) ELISA Kit has high sensitivity and excellent specificity for detection of Human MYST4. No significant cross-reactivity or interference between Human MYST4 and analogues was observed.
Sequence Length	8509
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 Histone acetyltransferase MYST4 (MYST4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MYST4 elisa kit	Description: This Human Histone acetyltransferase MYST4 (MYST4) ELISA Kit employs a two-site sandwich ELISA to quantitate MYST4 in samples. An antibody specific for MYST4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYST4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MYST4 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 MYST4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The protein encoded by MYST4 is a histone acetyltransferase and component of the MOZ/MORF protein complex. In addition to its acetyltransferase activity, the encoded protein has transcriptional activation activity in its N-terminal end and transcriptional repression activity in its C-terminal end. This protein is necessary for RUNX2-dependent transcriptional activation and could be involved in brain development. Mutations have been found in patients with genitopatellar syndrome. A translocation of this gene and the CREBBP gene results in acute myeloid leukemias. Three transcript variants encoding different isoforms have been found for MYST4.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	374349203
NCBI GeneID	23522
NCBI Accession #	NM_012330.3
NCBI GenBank Nucleotide #	NM_012330.3
UniProt Accession #	Q8WYB5
NCBI Official Full Name	Homo sapiens lysine acetyltransferase 6B (KAT6B), transcript variant 1, mRNA
NCBI Official Synonym Full Names	lysine acetyltransferase 6B
NCBI Official Symbol	KAT6B
NCBI Official Synonym Symbols	qkf; MORF; MOZ2; GTPTS; MYST4; ZC2HC6B; querkopf
NCBI Protein Information	histone acetyltransferase KAT6B
UniProt Protein Name	Histone acetyltransferase KAT6B
UniProt Gene Name	KAT6B
UniProt Synonym Gene Names	KIAA0383; MORF; MOZ2; MYST4; MYST-4

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/histone-acetyltransferase-myst4-myst4/331565>