

Human Histone acetyltransferase KAT8 ELISA Kit | KAT8 elisa kit

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CATALOG #
AAA100198

REACTIVITY
Human

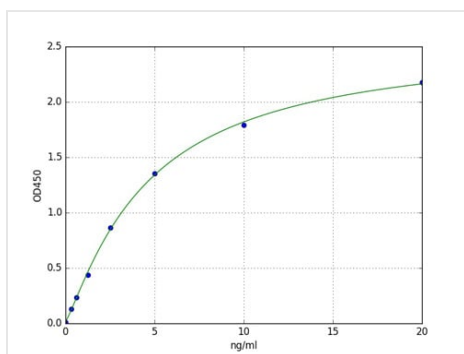
PRODUCT SYNONYMS

Histone acetyltransferase KAT8; Human Histone acetyltransferase KAT8 ELISA Kit; KAT8/PP7073/MOF/MYST1/MYST-1/hMOF/Lysine acetyltransferase 8/MOZ; YBF2/SAS3; SAS2 and TIP60 protein 1; KAT8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	458
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human KAT8 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.066	0.130	0.221	0.436	0.830	1.282	1.930	2.678

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KAT8 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human KAT8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human KAT8 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human KAT8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human KAT8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21312790
NCBI GeneID	67773
NCBI Accession #	NP_080646.1
NCBI GenBank Nucleotide #	NM_026370.1
Molecular Weight	21,398 Da
NCBI Official Full Name	histone acetyltransferase KAT8
NCBI Official Synonym Full Names	K(lysine) acetyltransferase 8
NCBI Official Symbol	Kat8
NCBI Official Synonym Symbols	MOF; Myst1; D7Ert629e; 2010203C02Rik; 5830450F21Rik
NCBI Protein Information	histone acetyltransferase KAT8
UniProt Protein Name	Histone acetyltransferase KAT8
UniProt Gene Name	Kat8
UniProt Synonym Gene Names	Mof; Myst1; MYST-1
UniProt Entry Name	KAT8_MOUSE

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-kat8/100198>