

Rat Histone acetyltransferase KAT8 ELISA Kit | Kat8 elisa kit

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CATALOG #
AAA56260

REACTIVITY
Rat

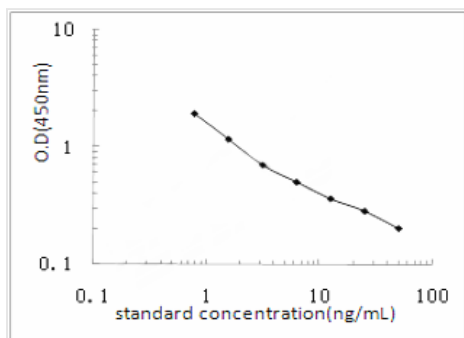
PRODUCT SYNONYMS

Histone acetyltransferase KAT8; Rat Histone acetyltransferase KAT8 ELISA Kit; Kat8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural Rat Histone acetyltransferase KAT8. No significant cross-reactivity or interference was observed.
Sequence Length	467
Assay Type	Competitive
Detection Range	0.78-50 ng/ml
Sensitivity	0.412 ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=7.3%
Recovery	104%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Kat8 elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Histone acetyltransferase KAT8, During the reaction, Histone acetyltransferase KAT8 in the sample or standard competes with a fixed amount of biotin-labeled Histone acetyltransferase KAT8 for sites on a pre-coated Monoclonal antibody specific to Histone acetyltransferase KAT8. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Histone acetyltransferase KAT8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62821766
NCBI GeneID	310194
NCBI Accession #	NP_001017378.1
NCBI GenBank Nucleotide #	NM_001017378.1
UniProt Accession #	Q5XI06
Molecular Weight	52,632 Da
NCBI Official Full Name	histone acetyltransferase KAT8
NCBI Official Synonym Full Names	lysine acetyltransferase 8
NCBI Official Symbol	Kat8
NCBI Official Synonym Symbols	Myst1
NCBI Protein Information	histone acetyltransferase KAT8
UniProt Protein Name	Histone acetyltransferase KAT8
UniProt Gene Name	Kat8
UniProt Synonym Gene Names	Myst1; MYST-1
UniProt Entry Name	KAT8_RAT

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.