

Human lysine (K) -specific demethylase 5A ELISA Kit | KDM5A elisa kit

Human Lysine-specific demethylase 5A, KDM5A ELISA Kit

CATALOG #
AAA112934

REACTIVITY
Human

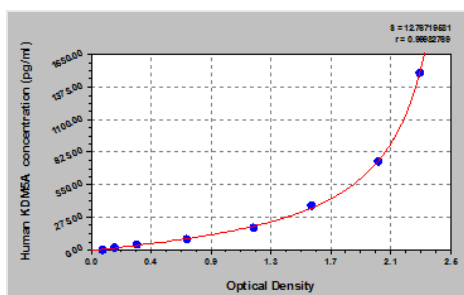
PRODUCT SYNONYMS

lysine (K) -specific demethylase 5A; Human Lysine-specific demethylase 5A; KDM5A ELISA Kit; Human Lysine-specific demethylase 5A (KDM5A) ELISA kit; JARID1A; RBBP2; RBP2; Jumonji; AT rich interactive domain 1A (RBBP2-like) ; AT rich interactive domain 1A (RBP2-like) ; retinoblastoma binding protein 2; retinoblastoma-binding protein 2; KDM5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human KDM5A. No significant cross-reactivity or interference between human KDM5A and analogues was observed.
Sequence Length	1,690
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	23.5 pg/ml -1500 pg/ml.
Sensitivity	The minimum detectable dose of human KDM5A is typically less than 5.8 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KDM5A elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for KDM5A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KDM5A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KDM5A is added to the wells. After washing, avidin 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 KDM5A bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110618244
NCBI GeneID	5927
NCBI Accession #	NP_001036068.1
NCBI GenBank Nucleotide #	NM_001042603.2
UniProt Accession #	P29375; Q4LE72; Q86XZ1; A8MV76
Molecular Weight	192,095 Da
NCBI Official Full Name	lysine-specific demethylase 5A
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 5A
NCBI Official Symbol	KDM5A
NCBI Official Synonym Symbols	RBP2; RBBP2; RBBP-2
NCBI Protein Information	lysine-specific demethylase 5A; histone demethylase JARID1A; retinoblastoma binding protein 2; jumonji/ARID domain-containing protein 1A; Jumonji, AT rich interactive domain 1A (RBP2-like)
UniProt Protein Name	Lysine-specific demethylase 5A
UniProt Gene Name	KDM5A
UniProt Synonym Gene Names	JARID1A; RBBP2; RBP2; RBBP-2
UniProt Entry Name	KDM5A_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/kdm5a-human-elisa-kits/lysine-k-specific-demethylase-5a/112934>