

Human KDM2B (Lysine (K) specific demethylase 2B) ELISA Kit | KDM2B elisa kit

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CATALOG #
AAA277522

REACTIVITY
Human

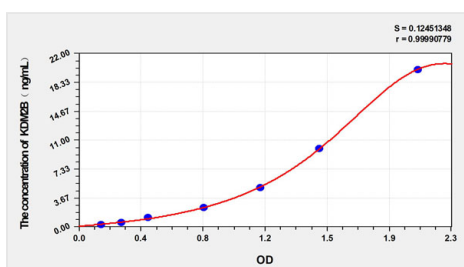
PRODUCT SYNONYMS

KDM2B (Lysine (K) specific demethylase 2B); Human KDM2B (Lysine (K) specific demethylase 2B) ELISA kit; [Histone-H3]-lysine-36 demethylase 1B; CXXC-type zinc finger protein 2; CXXC2; F box and leucine rich repeat protein 10; F box protein FBL10; F-box and leucine-rich repeat protein 10; F-box protein FBL10; F-box/LRR-repeat protein 10; Fbl10; FBXL10; JEMMA (Jumonji domain EMSY interactor methyltransferase motif) protein; JHDM1B; JmjC domain-containing histone demethylation protein 1B; Jumonji C domain containing histone demethylase 1B; Jumonji domain-containing EMSY-interactor methyltransferase motif protein; kdm2b; KDM2B_HUMAN; Lysine (K) specific demethylase 2B; Lysine-specific demethylase 2B; PCCX2; Protein containing CXXC domain 2; Protein JEMMA; Protein-containing CXXC domain 2; KDM2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human KDM2B. No significant cross-reactivity or interference between Human KDM2B and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.115 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KDM2B elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to KDM2B. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to KDM2B. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain KDM2B, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of KDM2B in the samples is then determined by comparing the OD of the samples to the standard curve.

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://www.aaabiotech.com/human-elisa-kits/kdm2b-lysine-k-specific-demethylase-2b/277522>