

Human Enhancer Of Zeste Homolog 1 (EZH1) ELISA Kit | EZH1 elisa kit

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CATALOG #
AAA67157

REACTIVITY
Human

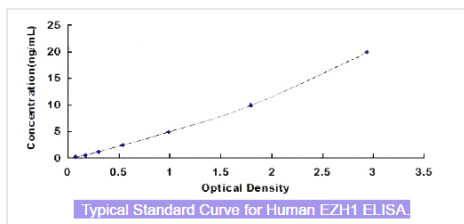
PRODUCT SYNONYMS

Enhancer Of Zeste Homolog 1 (EZH1); Human Enhancer Of Zeste Homolog 1 (EZH1) ELISA Kit; KMT6B; ENX-2; Histone-lysine N-methyltransferase EZH1; EZH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EZH1. No significant cross-reactivity or interference between EZH1 and analogues was observed.
Sequence Length	753
Samples	Human tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	< 0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EZH1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level EZH1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EZH1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of EZH1 in human tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EZH1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EZH1. 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 EZH1, 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 EZH1 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 #	1007353152
NCBI GeneID	2145
NCBI Accession #	NP_001308008.1
NCBI GenBank Nucleotide #	NM_001321079.1
UniProt Accession #	Q92800; O43287; Q14459; Q53XP3; A6NCH6; B4DIJ1; B4DIZ7; B4DSS2; B4E3R7
Molecular Weight	68,961 Da
NCBI Official Full Name	histone-lysine N-methyltransferase EZH1 isoform 2
NCBI Official Synonym Full Names	enhancer of zeste 1 polycomb repressive complex 2 subunit
NCBI Official Symbol	EZH1
NCBI Official Synonym Symbols	KMT6B
NCBI Protein Information	histone-lysine N-methyltransferase EZH1
UniProt Protein Name	Histone-lysine N-methyltransferase EZH1
UniProt Gene Name	EZH1
UniProt Synonym Gene Names	KIAA0388

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/enhancer-of-zeste-homolog-1-ezh1/67157>