

Human Enhancer Of Zeste Homolog 2 (EZH2) CLIA Kit | EZH2 clia kit

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CATALOG #
AAA130098

REACTIVITY
Human

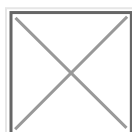
PRODUCT SYNONYMS

Enhancer Of Zeste Homolog 2 (EZH2); Human Enhancer Of Zeste Homolog 2 (EZH2) CLIA Kit; ENX-1; KMT6; KMT6A; Histone-lysine N-methyltransferase EZH2; Lysine N-methyltransferase 6; EZH2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Enhancer Of Zeste Homolog 2 (EZH2). No significant cross-reactivity or interference between Enhancer Of Zeste Homolog 2 (EZH2) and analogues was observed.
Sequence Length	746
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	13.7-10,000pg/mL
Sensitivity	5.2pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Enhancer Of Zeste Homolog 2 (EZH2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Enhancer Of Zeste Homolog 2 (EZH2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EZH2 clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Enhancer Of Zeste Homolog 2 (EZH2). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Enhancer Of Zeste Homolog 2 (EZH2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Enhancer Of Zeste Homolog 2 (EZH2) level in the sample or standard.;
Product Categories/Family for EZH2 clia kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1575349
NCBI GeneID	2146
UniProt Accession #	Q15910; Q15755; Q75MG3; Q92857; Q96FI6; B2RAQ1; B3KS30; B7Z1D6; B7Z7L6
Molecular Weight	79,621 Da
NCBI Official Full Name	enhancer of zeste homolog 2
NCBI Official Synonym Full Names	enhancer of zeste 2 polycomb repressive complex 2 subunit
NCBI Official Symbol	EZH2
NCBI Official Synonym Symbols	WVS; ENX1; EZH1; KMT6; WVS2; ENX-1; EZH2b; KMT6A
NCBI Protein Information	histone-lysine N-methyltransferase EZH2
UniProt Protein Name	Histone-lysine N-methyltransferase EZH2
UniProt Gene Name	EZH2
UniProt Synonym Gene Names	KMT6
UniProt Entry Name	EZH2_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/human-clia-kits/enhancer-of-zeste-homolog-2-ezh2/130098>