

Mouse PHD Finger Protein 8 (PHF8) ELISA Kit | PHF8 elisa kit

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CATALOG #
AAA187305

REACTIVITY
Mouse

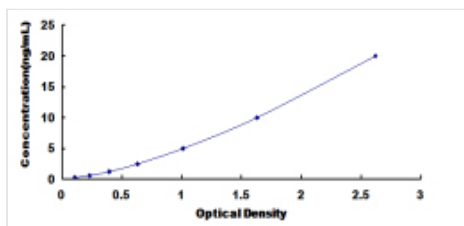
PRODUCT SYNONYMS

PHD Finger Protein 8 (PHF8); Mouse PHD Finger Protein 8 (PHF8) ELISA Kit; ZNF422; MRXSSD; JHDM1F; Jumonji C Domain-Containing Histone Demethylase 1F; Histone lysine demethylase PHF8; PHF8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of PHD Finger Protein 8 (PHF8). No significant cross-reactivity or interference between PHD Finger Protein 8 (PHF8) and analogues was observed.
Sequence Length	878
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.118ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level PHD Finger Protein 8 (PHF8) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level PHD Finger Protein 8 (PHF8) 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 PHF8 elisa kit	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 PHD Finger Protein 8 (PHF8). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to PHD Finger Protein 8 (PHF8). 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 PHD Finger Protein 8 (PHF8), 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 PHD Finger Protein 8 (PHF8) 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 #	31753180
NCBI GeneID	23133
UniProt Accession #	Q9UPP1; Q5H9U5; Q5JPR9; Q5JPS0; Q5JPS2; Q5JPS3; Q5VUJ4; Q7Z6D4; Q9HAH2; B3KMOV4; B7Z911
Molecular Weight	98,290 Da
NCBI Official Full Name	PHD finger protein 8
NCBI Official Synonym Full Names	PHD finger protein 8
NCBI Official Symbol	PHF8
NCBI Official Synonym Symbols	KDM7B; JHDM1F; MRXSSD; ZNF422
NCBI Protein Information	histone lysine demethylase PHF8
UniProt Protein Name	Histone lysine demethylase PHF8
UniProt Gene Name	PHF8
UniProt Synonym Gene Names	KIAA1111; ZNF422

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/phd-finger-protein-8-phf8/187305>