

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

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CATALOG #
AAA65954

REACTIVITY
Mouse

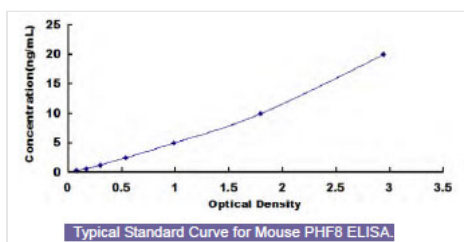
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of PHF8. No significant cross-reactivity or interference between PHF8 and analogues was observed.
Sequence Length	908
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.118ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PHF8 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 PHF8 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 PHF8 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PHF8 in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PHF8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 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 #	57222274
NCBI GeneID	74042
NCBI Accession #	NP_001009544.1
NCBI GenBank Nucleotide #	NM_001009544.2
UniProt Accession #	Q80TJ7; Q8BLX8; Q8BLY0; Q8BZ61; Q8CG26; A2ABU8; A2ABV0; A2ABV2
Molecular Weight	53,421 Da
NCBI Official Full Name	PHD finger protein 8-like
NCBI Official Synonym Full Names	RIKEN cDNA 4921501E09 gene
NCBI Official Symbol	4921501E09Rik
NCBI Official Synonym Symbols	PHF8
NCBI Protein Information	PHD finger protein 8-like
UniProt Protein Name	Histone lysine demethylase PHF8
UniProt Gene Name	Phf8
UniProt Synonym Gene Names	Kiaa1111

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.