

Human H2A Histone Family, Member V (H2AFV) ELISA Kit | H2AFV elisa kit

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CATALOG #
AAA63861

REACTIVITY
Human

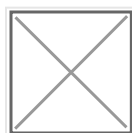
PRODUCT SYNONYMS

H2A Histone Family; Member V (H2AFV); Human H2A Histone Family; Member V (H2AFV) ELISA Kit; H2AV; H2AFV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of H2AFV. No significant cross-reactivity or interference between H2AFV and analogues was observed.
Sequence Length	128
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level H2AFV 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 H2AFV 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 H2AFV elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of H2AFV in human tissue homogenates, cell lysates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to H2AFV. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to H2AFV. 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 H2AFV, 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 H2AFV in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912616
NCBI GeneID	94239
NCBI Accession #	NP_036544.1
NCBI GenBank Nucleotide #	NM_012412.4
UniProt Accession #	Q71UI9; Q59GV8; Q6PK98; A6NFA8; A6NKY0; A6NN01; A8MQC5
Molecular Weight	6,892 Da
NCBI Official Full Name	histone H2A.V isoform 1
NCBI Official Synonym Full Names	H2A histone family member V
NCBI Official Symbol	H2AFV
NCBI Official Synonym Symbols	H2AV; H2A.Z-2
NCBI Protein Information	histone H2A.V
UniProt Protein Name	Histone H2A.V
UniProt Gene Name	H2AFV
UniProt Synonym Gene Names	H2AV

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/h2a-histone-family-member-v-h2afv/63861>