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

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

CATALOG #	REACTIVITY
AAA137622	**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 H2A Histone Family, Member V (H2AFV). No significant cross-reactivity or interference between H2A Histone Family, Member V (H2AFV) and analogues was observed.
Sequence Length	128
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.55ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level H2A Histone Family, Member V (H2AFV) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level H2A Histone Family, Member V (H2AFV) 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 H2AFV 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 H2A Histone Family, Member V (H2AFV). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to H2A Histone Family, Member V (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 H2A Histone Family, Member V (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 H2A Histone Family, Member V (H2AFV) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for H2AFV elisa kit	Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	127796007
NCBI GeneID	94239
UniProt Accession #	Q71UI9; Q59GV8; Q6PK98; A6NFA8; A6NKY0; A6NN01; A8MQC5
Molecular Weight	6,892 Da
NCBI Official Full Name	H2A histone family, member V
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
UniProt Entry Name	H2AV_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-elisa-kits/h2a-histone-family-member-v-h2afv/137622