Human H1 Histone Family, Member 0 (H1F0) ELISA Kit | H1F0 elisa kit

Human H1 Histone Family, Member 0 (H1F0) ELISA Kit

CATALOG #	REACTIVITY
AAA187923	**Human**

PRODUCT SYNONYMS

H1 Histone Family; Member 0 (H1F0); Human H1 Histone Family; Member 0 (H1F0) ELISA Kit; H1FV; H10; H1F0 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of H1 Histone Family, Member 0 (H1F0). No significant cross-reactivity or interference between H1 Histone Family, Member 0 (H1F0) and analogues was observed.
Sequence Length	177
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.78-50ng/mL
Sensitivity	< 0.28ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level H1 Histone Family, Member 0 (H1F0) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level H1 Histone Family, Member 0 (H1F0) 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 H1F0 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 H1 Histone Family, Member 0 (H1F0). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to H1 Histone Family, Member 0 (H1F0). 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 H1 Histone Family, Member 0 (H1F0), 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 H1 Histone Family, Member 0 (H1F0) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119580592
NCBI GeneID	3005
Molecular Weight	19,167 Da
NCBI Official Full Name	H1 histone family, member 0
NCBI Official Synonym Full Names	H1 histone family member 0
NCBI Official Symbol	H1F0
NCBI Official Synonym Symbols	H10; H1FV
NCBI Protein Information	histone H1.0
UniProt Protein Name	Histone H1.0
UniProt Gene Name	**H1F0**
UniProt Synonym Gene Names	H1FV

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/human-elisa-kits/h1-histone-family-member-0-h1f0/187923