

Human histone cluster 1, H4a ELISA Kit | HIST1H4A elisa kit

Human Histone H4, HIST1H4A ELISA Kit

CATALOG #
AAA112921

REACTIVITY
Human

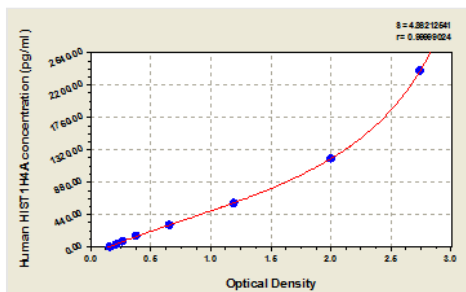
PRODUCT SYNONYMS

histone cluster 1; H4a; Human Histone H4; HIST1H4A ELISA Kit; Human Histone H4 (HIST1H4A) ELISA kit; H4/a; H4FA; H4 histone family; member A; histone 1; HIST1H4A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HIST1H4A. No significant cross-reactivity or interference between human HIST1H4A and analogues was observed.
Sequence Length	103
Samples	Serum, plasma, tissue homogenates and Cell lysates
Assay Type	Sandwich
Detection Range	37.5 pg/ml -2400 pg/ml.
Sensitivity	The minimum detectable dose of human HIST1H4A is typically less than 9.3 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIST1H4A elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HIST1H4A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HIST1H4A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HIST1H4A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HIST1H4A bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77539758
NCBI GeneID	554313
NCBI Accession #	NP_001029249.1
NCBI GenBank Nucleotide #	NM_001034077.4
UniProt Accession #	P62805; P02304; P02305; Q6DRA9; Q6FGB8; Q6NWP7; A2VCL0
Molecular Weight	11,367 Da
NCBI Official Full Name	histone H4
NCBI Official Synonym Full Names	histone cluster 2, H4b
NCBI Official Symbol	HIST2H4B
NCBI Official Synonym Symbols	H4/o
NCBI Protein Information	histone H4; histone 2, H4b
UniProt Protein Name	Histone H4
UniProt Gene Name	HIST1H4A
UniProt Synonym Gene Names	H4/A; H4FA
UniProt Entry Name	H4_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://www.aaabiotech.com/hist1h4a-human-elisa-kits/histone-cluster-1-h4a/112921>