

Human histone cluster 1, H3a ELISA Kit | HIST1H3A elisa kit

Human Histone H3.1, HIST1H3A ELISA Kit

CATALOG #
AAA18315

REACTIVITY
Human

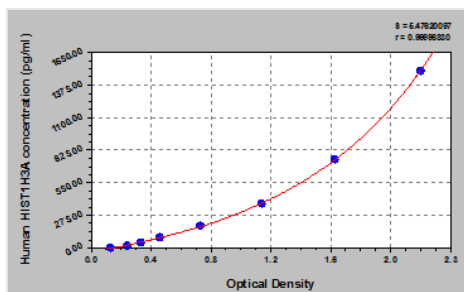
PRODUCT SYNONYMS

histone cluster 1; H3a; Human Histone H3.1; HIST1H3A ELISA Kit; Human Histone H3.1 (HIST1H3A) ELISA kit; H3/A; H3FA; H3 histone family; member A; histone 1; HIST1H3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HIST1H3A. No significant cross-reactivity or interference between human HIST1H3A and analogues was observed.
Sequence Length	136
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	< 5.8 pg/ml
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 HIST1H3A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HIST1H3A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HIST1H3A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HIST1H3A 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 HIST1H3A 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 #	4504281
NCBI GeneID	8350
NCBI Accession #	NP_003520.1
NCBI GenBank Nucleotide #	NM_003529.2
UniProt Accession #	P68431; P02295; P02296; P16106; Q6ISV8; Q6NWP8; Q6NWP9; Q6NXU4; Q71DJ3; Q93081; A0PJT7; A5PLR1
Molecular Weight	15,404 Da
NCBI Official Full Name	histone H3.1
NCBI Official Synonym Full Names	histone cluster 1, H3a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1; histone H3/a; histone 1, H3a; H3 histone family, member A
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA
UniProt Entry Name	H31_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.