

Human Histone H3.3 ELISA Kit | H3F3A elisa kit

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CATALOG #
AAA310212

REACTIVITY
Human

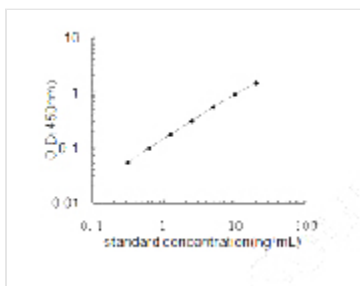
PRODUCT SYNONYMS

Histone H3.3; Human Histone H3.3 ELISA Kit; H3F3A; H3.3A; H3F3; PP781; H3F3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Histone H3.3. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.312 ng/mL -20.0 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for H3F3A elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Histone H3.3 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Histone H3.3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Histone H3.3 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Histone H3.3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Histone H3.3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504279
NCBI GeneID	3020

NCBI Accession #	NP_002098.1
NCBI GenBank Nucleotide #	NM_002107.4
UniProt Accession #	P84243 ; P06351 ; P33155 ; Q5VV55 ; Q5VV56 ; Q66I33 ; Q9V3W4
Molecular Weight	15,328 Da
NCBI Official Full Name	histone H3.3
NCBI Official Synonym Full Names	H3 histone family member 3A
NCBI Official Symbol	H3F3A
NCBI Official Synonym Symbols	H3F3; H3.3A
NCBI Protein Information	histone H3.3
UniProt Protein Name	Histone H3.3
UniProt Gene Name	H3F3A
UniProt Synonym Gene Names	H3.3A; H3F3

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/h3f3a-human-elisa-kits/histone-h3-3/310212>