

Rabbit Histone H3.3 (H3F3A) ELISA Kit | H3F3A elisa kit

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CATALOG #
AAA246917

REACTIVITY
Rabbit

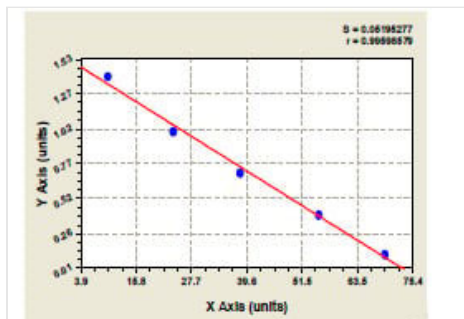
PRODUCT SYNONYMS

Histone H3.3 (H3F3A); Rabbit Histone H3.3 (H3F3A) ELISA Kit; H3F3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for H3F3A elisa kit

Intended Uses: This H3Cit ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine H3Cit. This ELISA kit for research use only!

Principle of the Assay: H3Cit ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-H3Cit antibody and an H3Cit-HRP conjugate. The assay sample and buffer are incubated together with H3Cit-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the H3Cit concentration since H3Cit from samples and H3Cit-HRP conjugate compete for the anti-H3Cit antibody binding site. Since the number of sites is limited, as more sites are occupied by H3Cit from the sample, fewer sites are left to bind H3Cit-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The H3Cit concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504279
NCBI GeneID	3020
NCBI Accession #	NP_002098.1
NCBI GenBank Nucleotide #	NM_002107.4
Molecular Weight	15,328 Da
NCBI Official Full Name	histone H3.3
NCBI Official Synonym Full Names	H3 histone, family 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; PP781 H3F3B ; H3.3B
UniProt Entry Name	H33_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.