

Mouse Histone-H2b ELISA Kit | Histon-H2b elisa kit

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CATALOG #
AAA85620

REACTIVITY
Mouse

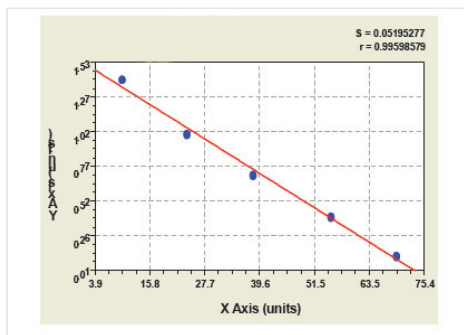
PRODUCT SYNONYMS

Histone-H2b; Mouse Histone-H2b ELISA Kit; Histon-H2b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL.
Sensitivity	0.1ng/mL
Intended Uses	This HISTON-H2B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse HISTON-H2B. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Histon-H2b elisa kit

Principle of the Assay: HISTON-H2B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HISTON-H2B antibody and an HISTON-H2B-HRP conjugate. The assay sample and buffer are incubated together with HISTON-H2B-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 HISTON-H2B concentration since HISTON-H2B from samples and HISTON-H2B-HRP conjugate compete for the anti-HISTON-H2B antibody binding site. Since the number of sites is limited, as more sites are occupied by HISTON-H2B from the sample, fewer sites are left to bind HISTON-H2B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HISTON-H2B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	330038781
NCBI GeneID	10447089
NCBI Accession #	XP_003239699.1
NCBI GenBank Nucleotide #	XM_003239651.1
Molecular Weight	13,009 Da
NCBI Official Full Name	histon H2B
NCBI Official Symbol	h2B
NCBI Protein Information	histon H2B
UniProt Protein Name	Histone H2B
UniProt Gene Name	h2B
UniProt Synonym Gene Names	CPARA_1gp143
UniProt Entry Name	F2HHK5_9CRYP

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/histon-h2b-mouse-elisa-kits/histone-h2b/85620>