

Human Histone H2b ELISA Kit | Histon H2b elisa kit

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CATALOG #
AAA85001

REACTIVITY
Human

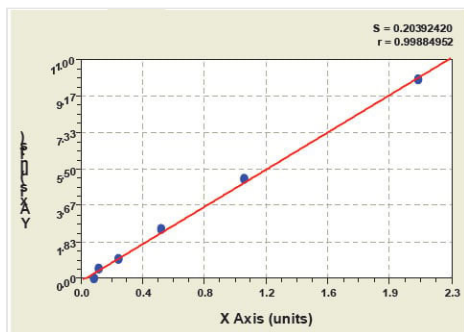
PRODUCT SYNONYMS

Histone H2b; Human Histone H2b ELISA Kit; Histon H2b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This Histone-H2b ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Histone-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: Histone-H2b ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for Histone-H2b. Standards or samples are then added to the microtiter plate wells and Histone-H2b if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Histone-H2b present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for Histone-H2b are added to each well to "sandwich" the Histone-H2b immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Histone-H2b and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Histone-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.