

Human Histone H2B type 2-E ELISA Kit | HIST2H2BE elisa kit

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CATALOG #
AAA100616

REACTIVITY
Human

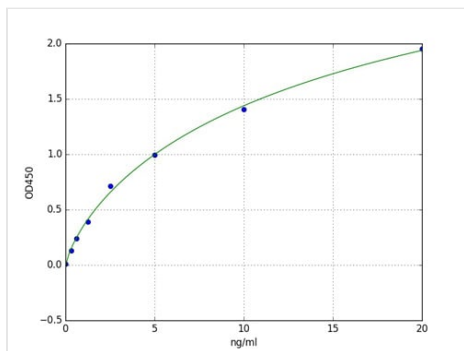
PRODUCT SYNONYMS

Histone H2B type 2-E; Human Histone H2B type 2-E ELISA Kit; HIST2H2BE/Histone H2B-GL105/Histone H2B.q (H2B/q); HIST2H2BE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	126
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human HIST2H2BE ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.009	0.116	0.224	0.324	0.784	1.086	1.388	2.242

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIST2H2BE elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human HIST2H2BE antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HIST2H2BE antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human HIST2H2BE amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HIST2H2BE can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504277
NCBI GeneID	8349
NCBI Accession #	NP_003519.1
NCBI GenBank Nucleotide #	NM_003528.2
Molecular Weight	13,920 Da
NCBI Official Full Name	histone H2B type 2-E
NCBI Official Synonym Full Names	histone cluster 2, H2be
NCBI Official Symbol	HIST2H2BE
NCBI Official Synonym Symbols	H2B; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105
NCBI Protein Information	histone H2B type 2-E
UniProt Protein Name	Histone H2B type 2-E
UniProt Gene Name	HIST2H2BE
UniProt Synonym Gene Names	H2BFQ; H2B/q
UniProt Entry Name	H2B2E_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.

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Online datasheet: <https://stage.aaabiotech.com/hist2h2be-human-elisa-kits/histone-h2b-type-2-e/100616>