

Human HIST1H2BK (Histone H2B type 1-K) ELISA Kit | HIST1H2BK elisa kit

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CATALOG #
AAA250200

REACTIVITY
Human

PRODUCT SYNONYMS

HIST1H2BK (Histone H2B type 1-K); Human HIST1H2BK (Histone H2B type 1-K) ELISA Kit; Histone H2B type 1-K; H2B K; HIRA-interacting protein 1; H2BFT; HIRIP1; HIST1H2BK; H2BC12; HIST1H2BK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HIST1H2BK. No significant crossreactivity or interference between HIST1H2BK and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for HIST1H2BK elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18105048
NCBI GeneID	85236
NCBI Accession #	NP_542160.1
NCBI GenBank Nucleotide #	NM_080593.2
UniProt Accession #	O60814 ; Q2VPI7 ; A8K7P7
Molecular Weight	13,890 Da
NCBI Official Full Name	histone H2B type 1-K

NCBI Official Synonym Full Names	histone cluster 1, H2bk
NCBI Official Symbol	HIST1H2BK
NCBI Official Synonym Symbols	H2BK; H2B/S; H2BFT; H2BFAiii
NCBI Protein Information	histone H2B type 1-K
UniProt Protein Name	Histone H2B type 1-K
UniProt Gene Name	HIST1H2BK
UniProt Synonym Gene Names	H2BFT; HIRIP1; H2B K
UniProt Entry Name	H2B1K_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://www.aaabiotech.com/human-elisa-kits/hist1h2bk-histone-h2b-type-1-k/250200>