

Human Histone Cluster 2, H2be ELISA Kit | HIST2H2BE elisa kit

Human Histone Cluster 2, H2be (HIST2H2BE) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA189961

REACTIVITY
Human

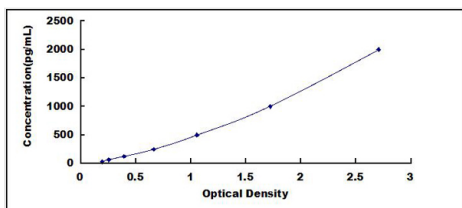
PRODUCT SYNONYMS

Histone Cluster 2; H2be; Human Histone Cluster 2; H2be (HIST2H2BE) (Sandwich ELISA) ELISA Kit; H2BFQ; H2B/q; H2B.1; H2B Histone Family Member Q; ELISA Kit for Histone Cluster 2; H2be (HIST2H2BE); HIST2H2BE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Histone Cluster 2, H2be (HIST2H2BE). No significant cross-reactivity or interference between Histone Cluster 2, H2be (HIST2H2BE) and analogues was observed. Reactive with Human HIST2H2BE / Histone Cluster 2, H2be
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	12.2pg/mL
Detection Method	Colormetric
Assay Precision	Intra-Assay: CV<10%, Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

Typical Standard Curve for HIST2H2BE ELISA (Sandwich)

ADDITIONAL INFORMATION

Related Product Information for HIST2H2BE elisa kit

Principle of the Assay||The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Histone Cluster 2, H2be (HIST2H2BE). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Histone Cluster 2, H2be (HIST2H2BE). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Histone Cluster 2, H2be (HIST2H2BE), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Histone Cluster 2, H2be (HIST2H2BE) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7387736
NCBI GeneID	8349
UniProt Accession #	Q16778; Q4KMY1; Q5QNX0; Q9UE88; A3KMC7; A8K110
Molecular Weight	126
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; histone H2B.q; histone 2, H2be; histone H2B-GL105; H2B histone family, member Q
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://www.aaabiotech.com/hist2h2be-human-elisa-kits/histone-cluster-2-h2be/189961>