

## Mouse Histone H2B type 2-E ELISA Kit | Hist2h2be elisa kit

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CATALOG #  
**AAA56336**

REACTIVITY  
**Mouse**

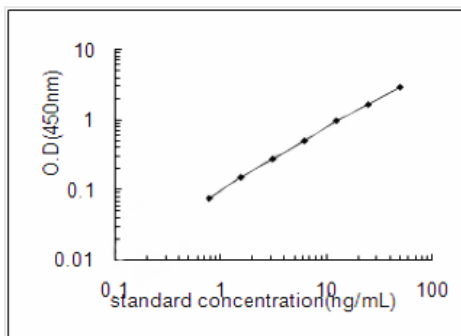
### PRODUCT SYNONYMS

Histone H2B type 2-E; Mouse Histone H2B type 2-E ELISA Kit; Hist2h2be elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                   |
| Specificity             | This assay recognizes recombinant and natural mouse Histone H2B type 2-E. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 126                                                                                                                                     |
| Assay Type              | Sandwich                                                                                                                                |
| Detection Range         | 0.78-50 ng/ml                                                                                                                           |
| Sensitivity             | 0.391 ng/mL                                                                                                                             |
| Intra-Assay CV          | <=6.8%                                                                                                                                  |
| Inter-Assay CV          | <=9.5%                                                                                                                                  |
| Recovery                | 85%                                                                                                                                     |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                                                                     |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Hist2h2be elisa kit | Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Histone H2B type 2-E. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Histone H2B type 2-E and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Histone H2B type 2-E, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Histone H2B type 2-E in the samples is then determined by comparing the O.D. of the samples to the standard curve. |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 68226431                  |
| NCBI GeneID                      | 319190                    |
| NCBI Accession #                 | NP_835586.2               |
| NCBI GenBank Nucleotide #        | NM_178214.4               |
| UniProt Accession #              | Q64524                    |
| Molecular Weight                 | 13,993 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    | T25626; H2b-613; AV127319 |
| NCBI Protein Information         | histone H2B type 2-E      |
| UniProt Protein Name             | Histone H2B type 2-E      |
| UniProt Gene Name                | Hist2h2be                 |
| UniProt Entry Name               | H2B2E_MOUSE               |

**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-mouse-elisa-kits/histone-h2b-type-2-e/56336>