

## Mouse Inhibin Beta E (INHbE) ELISA Kit | INHbE elisa kit

High Sensitive Inhibin Beta E (INHbE) ELISA Kit

|                               |                            |                              |
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| CATALOG #<br><b>AAA189259</b> | REACTIVITY<br><b>Mouse</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|----------------------------|------------------------------|

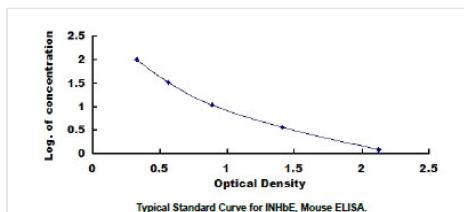
### PRODUCT SYNONYMS

Inhibin Beta E (INHbE); High Sensitive Inhibin Beta E (INHbE) ELISA Kit; INH-bE; Activin beta-E chain; INHbE elisa kit

### PRODUCT SPECIFICATIONS

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                  | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity                                 | This assay has high sensitivity and excellent specificity for detection of INHbE. No significant cross-reactivity or interference between INHbE and analogues was observed.                                                                                                                                                                                                                                                                                                                |
| Samples                                     | Serum, plasma, tissue homogenates and other biological fluids                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Assay Type                                  | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Detection Range                             | 1.23-100pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sensitivity                                 | < 0.44pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for INHbE elisa kit | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Intra-assay Precision                       | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level INHbE were tested 20 times on one plate, respectively. Intra-Assay: CV<10%                                                                                                                                                                                                                                                                                                                    |
| Inter-assay Precision                       | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level INHbE were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%                                                                                                                                                                                                                                                                                  |
| Preparation and Storage                     | The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.<br>To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Related Product Information for INHbE elisa kit | <p>Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of INHbE in mouse serum, plasma, tissue homogenates and other biological fluids.</p> <p>Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to INHbE has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled INHbE and unlabeled INHbE (Standards or samples) with the pre-coated antibody specific to INHbE. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of INHbE in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of INHbE in the sample.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|------------------------------------|
| NCBI GI #                        | 162139831                          |
| NCBI GeneID                      | 16326                              |
| NCBI Accession #                 | NP_032408.2                        |
| NCBI GenBank Nucleotide #        | NM_008382.3                        |
| UniProt Accession #              | O08717; Q91XH3                     |
| Molecular Weight                 | 39,002 Da                          |
| NCBI Official Full Name          | inhibin beta E chain preproprotein |
| NCBI Official Synonym Full Names | inhibin beta-E                     |
| NCBI Official Symbol             | Inhbe                              |
| NCBI Protein Information         | inhibin beta E chain               |
| UniProt Protein Name             | Inhibin beta E chain               |
| UniProt Gene Name                | Inhbe                              |

**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/mouse-elisa-kits/inhibin-beta-e-inhbe/189259>