

## Mouse 17-beta-hydroxysteroid dehydrogenase 13 ELISA Kit | Hsd17b13 elisa kit

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CATALOG #  
**AAA310154**

REACTIVITY  
**Mouse**

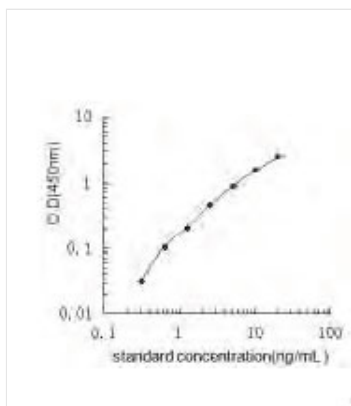
### PRODUCT SYNONYMS

17-beta-hydroxysteroid dehydrogenase 13; Mouse 17-beta-hydroxysteroid dehydrogenase 13 ELISA Kit; 17-beta-HSD 13; Alcohol dehydrogenase PAN1B-like; Short-chain dehydrogenase/reductase 9; Hsd17b13; Scdr9; 1.1.-.-; Hsd17b13 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                               |
| Specificity             | This assay recognizes recombinant and natural General target antigen. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids                                             |
| Detection Range         | 0.312-20 ng/mL                                                                                                                      |
| Sensitivity             | < 0.156 ng/mL                                                                                                                       |
| Intra-assay Precision   | <=6.2%                                                                                                                              |
| Inter-assay Precision   | <=7.7%                                                                                                                              |
| Preparation and Storage | Store at 4 degree C                                                                                                                 |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Hsd17b13 elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antibody biotinconjugated antigen 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.</p> |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 254553342                                         |
| NCBI GeneID                      | 243168                                            |
| NCBI Accession #                 | NP_001156958.1                                    |
| NCBI GenBank Nucleotide #        | NM_001163486.1                                    |
| UniProt Accession #              | Q8VCR2; Q8CIU2; A8Y5N6                            |
| Molecular Weight                 | 33,415 Da                                         |
| NCBI Official Full Name          | 17-beta-hydroxysteroid dehydrogenase 13 isoform 1 |
| NCBI Official Synonym Full Names | hydroxysteroid (17-beta) dehydrogenase 13         |
| NCBI Official Symbol             | Hsd17b13                                          |
| NCBI Official Synonym Symbols    | Pan1b; AI047820; PAN1B-like                       |
| NCBI Protein Information         | 17-beta-hydroxysteroid dehydrogenase 13           |
| UniProt Protein Name             | 17-beta-hydroxysteroid dehydrogenase 13           |
| UniProt Gene Name                | Hsd17b13                                          |
| UniProt Synonym Gene Names       | Scdr9; 17-beta-HSD 13                             |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/17-beta-hydroxysteroid-dehydrogenase-13/310154>