

## Mouse D2D ELISA Kit | D2D elisa kit

Mouse D2D (D-Dimer) ELISA Kit

CATALOG #  
**AAA164164**

REACTIVITY  
**Mouse**

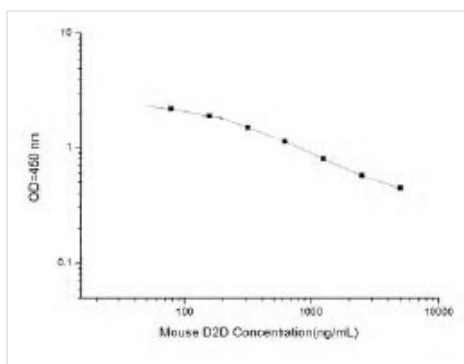
### PRODUCT SYNONYMS

D2D; Mouse D2D (D-Dimer) ELISA Kit; D2D elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                    |
| Specificity             | This kit recognizes in samples Mouse D2D.No significant cross-reactivity or interference between Mouse D2D and analogues was observed.                                   |
| Sequence Length         | 206                                                                                                                                                                      |
| Assay Type              | Quantitative Competitive                                                                                                                                                 |
| Samples                 | Plasma sample                                                                                                                                                            |
| Detection Range         | 78.13-5000ng/mL                                                                                                                                                          |
| Sensitivity             | 46.88 ng/mL                                                                                                                                                              |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse D2D were tested 20 times on one plate, respectively.               |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse D2D were tested on 3 different plates, 20 replicates in each plate. |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for D2D elisa kit | <p>Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The microtiter plate provided in this kit has been pre-coated with Mouse D2D. During the reaction, Mouse D2D in the sample or standard competes with a fixed amount of Mouse D2D on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse D2D. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Mouse D2D in the samples is then determined by comparing the OD of the samples to the standard curve.</p> <p>Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse D2D concentrations in plasma sample.</p> |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| NCBI GI #               | 409974336                                          |
| Molecular Weight        | 22,549 Da                                          |
| NCBI Official Full Name | dissimilatory sulfite reductase subunit A, partial |
| UniProt Protein Name    | Dissimilatory sulfite reductase subunit A          |
| UniProt Gene Name       | dsrA                                               |
| UniProt Entry Name      | K4NWE3_9BACT                                       |

**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/d2d/164164>