

## Mouse DnaJ homolog subfamily B member 1 ELISA Kit | Dnajb1 elisa kit

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|                              |                            |
|------------------------------|----------------------------|
| CATALOG #<br><b>AAA56099</b> | REACTIVITY<br><b>Mouse</b> |
|------------------------------|----------------------------|

### PRODUCT SYNONYMS

DnaJ homolog subfamily B member 1; Mouse DnaJ homolog subfamily B member 1 ELISA Kit; Dnajb1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                |
| Specificity             | This assay recognizes recombinant and natural mouse DnaJ homolog subfamily B member 1. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 340                                                                                                                                                  |
| Assay Type              | Sandwich                                                                                                                                             |
| Detection Range         | 0.156-10 ng/ml                                                                                                                                       |
| Sensitivity             | 0.091 ng/mL                                                                                                                                          |
| Intra-Assay CV          | <=8.2%                                                                                                                                               |
| Inter-Assay CV          | <=10.0%                                                                                                                                              |
| Recovery                | 93%                                                                                                                                                  |
| 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 Dnajb1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DnaJ homolog subfamily B member 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for DnaJ homolog subfamily B member 1 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 DnaJ homolog subfamily B member 1, 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 DnaJ homolog subfamily B member 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

|           |         |
|-----------|---------|
| NCBI GI # | 9055242 |
|-----------|---------|

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GeneID                      | <a href="#">81489</a>                            |
| NCBI Accession #                 | <a href="#">NP_061278.1</a>                      |
| NCBI GenBank Nucleotide #        | <a href="#">NM_018808.3</a>                      |
| UniProt Accession #              | <a href="#">Q9QYJ3</a>                           |
| Molecular Weight                 | 38,167 Da                                        |
| NCBI Official Full Name          | dnaJ homolog subfamily B member 1 isoform 1      |
| NCBI Official Synonym Full Names | DnaJ heat shock protein family (Hsp40) member B1 |
| NCBI Official Symbol             | Dnajb1                                           |
| NCBI Official Synonym Symbols    | DjB1; Hdj1; HSPF1; Hsp40; 0610007I11Rik          |
| NCBI Protein Information         | dnaJ homolog subfamily B member 1                |
| UniProt Protein Name             | DnaJ homolog subfamily B member 1                |
| UniProt Gene Name                | <b>Dnajb1</b>                                    |
| UniProt Synonym Gene Names       | Hsp40; Hspf1; HSP40; Heat shock protein 40       |
| UniProt Entry Name               | DNJB1_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://stage.aaabiotech.com/dnajb1-mouse-elisa-kits/dnaj-homolog-subfamily-b-member-1/56099>