

## Rabbit interleukin 1, beta ELISA Kit | IL1B elisa kit

Rabbit Interleukin 1beta, IL-1beta ELISA Kit

CATALOG #  
**AAA15641**

REACTIVITY  
**Rabbit**

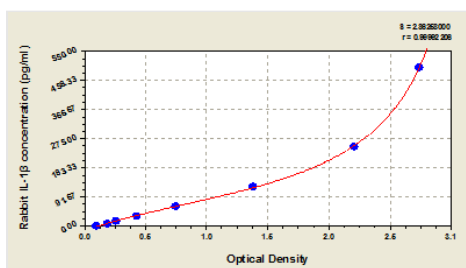
### PRODUCT SYNONYMS

interleukin 1; beta; Rabbit Interleukin 1beta; IL-1beta ELISA Kit; IL-1; IL1-BETA; IL1F2; catabolin; preinterleukin 1 beta; pro-interleukin-1-beta; IL1B elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                          |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of rabbit IL-1beta. No significant cross-reactivity or interference between rabbit IL-1beta and analogues was observed. |
| Sequence Length         | 268                                                                                                                                                                                             |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                               |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                           |
| Detection Range         | 7.8 pg/ml-500 pg/ml                                                                                                                                                                             |
| Sensitivity             | <1.95 pg/ml                                                                                                                                                                                     |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                                |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                                         |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                               |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IL1B elisa kit

**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-1beta has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-1beta present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-1beta is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-1beta bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                               |                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------|
| NCBI GI #                     | 126723555                                                                                       |
| NCBI GeneID                   | 100008990                                                                                       |
| NCBI Accession #              | NP_001075670.1                                                                                  |
| NCBI GenBank Nucleotide #     | NM_001082201.1                                                                                  |
| UniProt Accession #           | P14628                                                                                          |
| Molecular Weight              | 30,665 Da                                                                                       |
| NCBI Official Full Name       | interleukin-1 beta                                                                              |
| NCBI Official Symbol          | IL1B                                                                                            |
| NCBI Official Synonym Symbols | IL1-BETA                                                                                        |
| NCBI Protein Information      | interleukin-1 beta; IL-1 beta; interleukin 1 beta; lymphocyte proliferation-potentiating factor |
| UniProt Protein Name          | Interleukin-1 beta                                                                              |
| UniProt Gene Name             | <b>IL1B</b>                                                                                     |
| UniProt Synonym Gene Names    | IL-1 beta                                                                                       |
| UniProt Entry Name            | IL1B_RABIT                                                                                      |

**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/il1b-rabbit-elisa-kits/interleukin-1-beta/15641>