

## Murine IL-7 ELISA Kit | IL-7 elisa kit

Murine IL-7 Pre-Coated ELISA Kit

CATALOG #  
**AAA79380**

REACTIVITY  
**Murine**

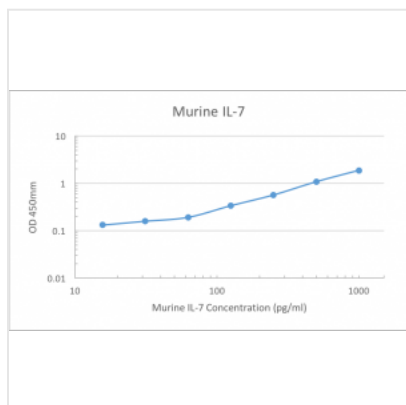
### PRODUCT SYNONYMS

IL-7; Murine IL-7 Pre-Coated ELISA Kit; IL-7 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Murine                                                                                                                                                                                                                                                                                                                                                     |
| Specificity             | Natural and recombinant Murine IL-7                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Solid Phase Sandwich ELISA: 96-Well Strip Plate                                                                                                                                                                                                                                                                                                            |
| Detection Range         | 15.6pg/ml-1000pg/ml                                                                                                                                                                                                                                                                                                                                        |
| Sensitivity             | <1pg/ml                                                                                                                                                                                                                                                                                                                                                    |
| Components              | Anti-Murine IL-7 Pre-coated 96-well strip microplate<br>Murine IL-7 Standard<br>Murine IL-7 Biotinylated antibody (100x)<br>Avidin-Biotin-Peroxidase Complex (100x)<br>Sample Diluent<br>Antibody Diluent<br>Avidin-Biotin-Peroxidase Diluent<br>Wash Buffer Concentrate (Powder for 1000mL)<br>Color Developing Reagent<br>Stop Solution<br>Plate Sealers |
| Interference            | No detectable cross-reactivity with other relevant proteins                                                                                                                                                                                                                                                                                                |
| Preparation and Storage | Store the unopened product at 2-8 degree C.                                                                                                                                                                                                                                                                                                                |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL-7 elisa kit | <p>IL-7 is a hematopoietic growth factor that primarily affects early B and T cells. Produced by thymic stromal cells, spleen cells and keratinocytes, IL-7 can also co-stimulate the proliferation of mature T cells in combination with other factors, such as ConA and IL-2.</p> <p>Murine IL-7 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure IL-7 with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for IL-7. It contains E Coli-expressed recombinant IL-7. The detection antibody is a biotinylated goat polyclonal antibody specific for IL-7. The kit is analytically validated with ready to use reagents.</p> |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 6680433                     |
| NCBI GeneID                      | 16196                       |
| NCBI Accession #                 | NP_032397.1                 |
| NCBI GenBank Nucleotide #        | NM_008371.4                 |
| UniProt Accession #              | P10168                      |
| Molecular Weight                 | 17,727 Da                   |
| NCBI Official Full Name          | interleukin-7               |
| NCBI Official Synonym Full Names | interleukin 7               |
| NCBI Official Symbol             | IL7                         |
| NCBI Official Synonym Symbols    | IL-7; hlb368; A630026I06Rik |
| NCBI Protein Information         | interleukin-7               |
| UniProt Protein Name             | Interleukin-7               |
| UniProt Gene Name                | IL7                         |
| UniProt Synonym Gene Names       | IL-7; IL-7                  |
| UniProt Entry Name               | IL7_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.

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/murine-elisa-kits/il-7/79380>