

## Human IL-7 DIY ELISA Kit | IL7 diy elisa kit

Human IL-7 ELISA Kit EZ-Set (DIY Antibody Pairs)

|                               |                            |                              |
|-------------------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA126777</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|----------------------------|------------------------------|

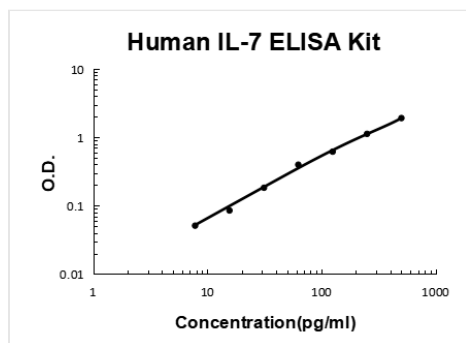
### PRODUCT SYNONYMS

IL-7; Human IL-7 ELISA Kit EZ-Set (DIY Antibody Pairs); Interleukin-8; IL-8; C-X-C motif chemokine 8; Chemokine (C-X-C motif) ligand 8; Emotakin; Granulocyte chemotactic protein 1; GCP-1; Monocyte-derived neutrophil chemotactic factor; MDNCF; Monocyte-derived neutrophil-activating peptide; MONAP; Neutrophil-activating protein 1; NAP-1; Protein 3-10C; T-cell chemotactic factor; MDNCF-a; GCP/IL-8 protein IV; IL8/NAP1 form I; (Ala-IL-8)77; GCP/IL-8 protein II; IL-8 (1-77); IL8/NAP1 form II; MDNCF-b; IL-8 (5-77); IL-8 (6-77); (Ser-IL-8)72; GCP/IL-8 protein I; IL8/NAP1 form III; Lymphocyte-derived neutrophil-activating factor; LYNAF; MDNCF-c; Neutrophil-activating factor; NAF; IL-8 (7-77); GCP/IL-8 protein V; IL8/NAP1 form IV; IL-8 (8-77); GCP/IL-8 protein VI; IL8/NAP1 form V; IL-8 (9-77); GCP/IL-8 protein III; IL8/NAP1 form VI; CXCL8; IL8; Interleukin-7; IL7 diy elisa kit

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                 |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human                                                                                                                                                                                           |
| Samples                                       | cell culture supernatants, serum and plasma (EDTA).                                                                                                                                             |
| Detection Range                               | 7.8pg/ml-500pg/ml                                                                                                                                                                               |
| Sensitivity                                   | <1pg/ml                                                                                                                                                                                         |
| Anticoagulant                                 | EDTA                                                                                                                                                                                            |
| Subcellular Localization                      | Secreted.                                                                                                                                                                                       |
| Applicable Applications for IL7 diy elisa kit | ELISA                                                                                                                                                                                           |
| Immunogen                                     | Expression system for standard: E Coli; Immunogen sequence: D26-H177                                                                                                                            |
| Protein Function                              | Hematopoietic growth factor capable of stimulating the proliferation of lymphoid progenitors. It is important for proliferation during certain stages of B-cell maturation.                     |
| Preparation and Storage                       | Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.) |

### IMAGES



Standard Curve (Sample)

Human IL-7 EZ Set ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL7 diy elisa kit | IL-7 a hematopoietic growth factor secreted by stromal cells in the red marrow and thymus. It is also produced by keratinocytes,1 dendritic cells,2 hepatocytes,3 neurons, and endothelial cells4. Interleukin 7 (IL7) is a protein5 that in humans is encoded by the IL7 gene.6, 7, 8Knockout studies in mice suggested that this cytokine plays an essential role in lymphoid cell survival.9 IL-7 is a cytokine important for B and T cell development. This cytokine and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. This cytokine is found to be a cofactor for V (D)J rearrangement of the T cell receptor beta (TCRB) during early T cell development. |
| Product Categories/Family for IL7 diy elisa kit   | EZ-Set ELISA Kits (Ab Pairs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                      |                                                                   |
|----------------------|-------------------------------------------------------------------|
| UniProt Accession #  | A8K673                                                            |
| Molecular Weight     | 20217MW                                                           |
| UniProt Protein Name | cDNA FLJ75417, highly similar to Homo sapiens interleukin 7, mRNA |
| UniProt Entry Name   | A8K673_HUMAN                                                      |

**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/il7-human-diy-elisa-kits/il-7/126777>