

## Human Interleukin 12, IL-12/P40 ELISA Kit | IL-12/P40 elisa kit

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CATALOG #  
**AAA42009**

REACTIVITY  
**Human**

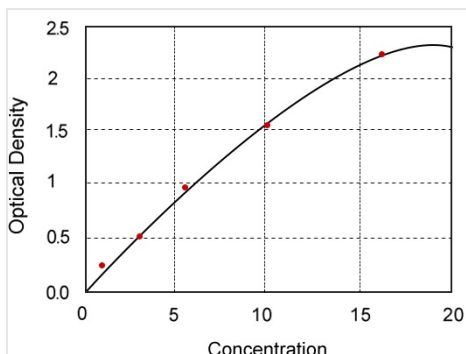
### PRODUCT SYNONYMS

Interleukin 12; IL-12/P40; Human Interleukin 12; IL-12/P40 ELISA Kit; IL-12/P40 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 253                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 5pg/ml - 1500pg/ml                                                       |
| Sensitivity             | 2.52pg/ml                                                                |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IL-12/P40 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Interleukin 12/P40 (also known as IL-12/P40) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IL-12/P40 antibody. IL-12/P40 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL-12/P40 Antibody is added and binds to IL-12/P40 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-12/P40 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IL-12/P40. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 4323579                        |
| NCBI GeneID                      | 3592                           |
| UniProt Accession #              | P29459; Q96QZ1                 |
| Molecular Weight                 | 24,874 Da                      |
| NCBI Official Full Name          | interleukin 12                 |
| NCBI Official Synonym Full Names | interleukin 12A                |
| NCBI Official Symbol             | IL12A                          |
| NCBI Official Synonym Symbols    | P35; CLMF; NFSK; NKSF1; IL-12A |
| NCBI Protein Information         | interleukin-12 subunit alpha   |
| UniProt Protein Name             | Interleukin-12 subunit alpha   |
| UniProt Gene Name                | IL12A                          |
| UniProt Synonym Gene Names       | NKSF1; IL-12A; CLMF p35; NKSF1 |

**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/human-elisa-kits/interleukin-12-il-12-p40/42009>