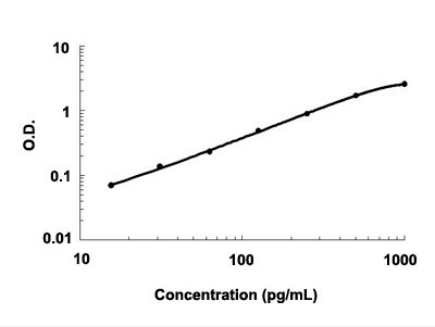
# IL1F7 (Human) ELISA Kit

Catalog # KA4495 Size 1 Kit

## Applications




The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

| | |
|---|---|
| **Product Description** | IL1F7 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL1F7. |
| **Suitable Sample** | Cell culture supernates, Plasma (heparin, EDTA), Serum |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 15.6 to 1000 pg/mL |
| **Reactivity** | Human |
| **Regulation Status** | For research use only (RUO) |
| **Quality Control Testing** | Standard curve<br>The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |
| **Storage Instruction** | Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles. |

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## Applications

- Quantification

## Gene Info — IL1F7

| | |
|---|---|
| **Entrez GeneID** | 27178 |
| **Gene Name** | IL1F7 |
| **Gene Alias** | FIL1, FIL1(ZETA), FIL1Z, IL-1F7, IL-1H4, IL-1RP1, IL1H4, IL1RP1 |
| **Gene Description** | interleukin 1 family, member 7 (zeta) |
| **Omim ID** | 605510 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1Rrp). This cytokine also binds to interleukin 18 binding protein (IL18BP), an inhibitory binding protein of interleukin 18 (IL18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL18. This gene along with eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Five alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq |
| **Other Designations** | IL-1F7b (IL-1H4, IL-1H, IL-1RP1)\|IL-1X protein\|IL1F7 (canonical product IL-1F7b)\|interleukin 1 family member 7\|interleukin 1 family, member 7\|interleukin 1, zeta\|interleukin-1 homolog 4\|interleukin-1 superfamily z\|interleukin-1-related protein |

## Disease

- Arthritis
- Genetic Predisposition to Disease
- Spondylitis

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