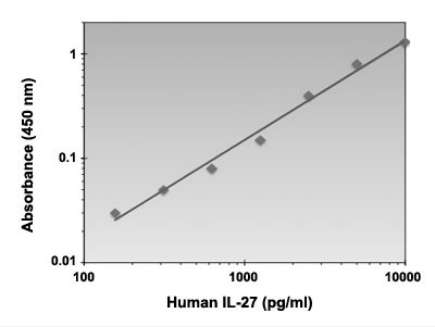
# IL27/IL27B (Human) ELISA Kit

Catalog # KA2215 Size 1 Kit

## Applications




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

## Specification

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|---|---|
| **Product Description** | IL27/IL27B (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL27/IL27B. |
| **Suitable Sample** | Cell Lysate, Cell Supernatants, Plasma, Serum |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 157 to 10000 pg/mL |
| **Reactivity** | Human |
| **Regulation Status** | For research use only (RUO) |
| **Expiration Date** | Kit expiration is 3 months from date of shipment |
| **Quality Control Testing** | Standard Curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |

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| | |
|---|---|
| **Storage Instruction** | Store the kit at 4°C. |

## Applications

- Quantification

## Gene Info — EBI3

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|---|---|
| **Entrez GeneID** | 10148 |
| **Gene Name** | EBI3 |
| **Gene Alias** | IL27B |
| **Gene Description** | Epstein-Barr virus induced 3 |
| **Omim ID** | 605816 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection. It encodes a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells. [provided by RefSeq |
| **Other Designations** | Epstein-Barr virus induced gene 3\|cytokine receptor\|interleukin-27 subunit beta |

## Gene Info — IL27

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|---|---|
| **Entrez GeneID** | 246778 |
| **Gene Name** | IL27 |
| **Gene Alias** | IL-27, IL-27A, IL27p28, IL30, MGC71873, p28 |
| **Gene Description** | interleukin 27 |
| **Omim ID** | 608273 |
| **Gene Ontology** | Hyperlink |

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|---|---|
| **Gene Summary** | The protein encoded by this gene is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4(+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4(+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR). [provided by RefSeq |
| **Other Designations** | IL-27 p28 subunit\|OTTHUMP00000122516\|interleukin 30\|interleukin-27 subunit alpha |

## Disease

- Asthma
- Brain Neoplasms
- Bronchiolitis
- Colitis
- Crohn Disease
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Glioma
- Infant
- Inflammatory Bowel Diseases
- Nasopharyngeal Neoplasms
- Pulmonary Disease
- Respiratory Syncytial Virus Infections

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