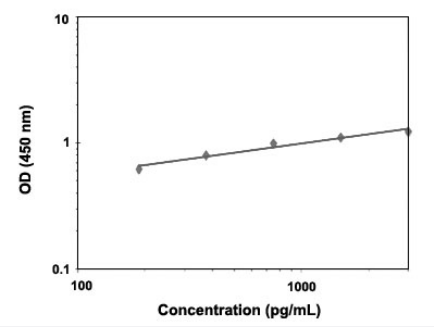
# CXCL16 (Human) ELISA Kit

Catalog # KA2186 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

| | |
|---|---|
| **Product Description** | CXCL16 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CXCL16. |
| **Suitable Sample** | Cell Lysate, Plasma, Serum |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 12 to 3000 pg/mL |
| **Reactivity** | Human |
| **Regulation Status** | For research use only (RUO) |
| **Expiration Date** | Kit expiration is 3 months from date of shipment |
| **Storage Instruction** | Store the kit at 4°C. |

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## Applications

- Quantification

## Gene Info — CXCL16

| | |
|---|---|
| **Entrez GeneID** | 58191 |
| **Gene Name** | CXCL16 |
| **Gene Alias** | CXCLG16, SR-PSOX, SRPSOX |
| **Gene Description** | chemokine (C-X-C motif) ligand 16 |
| **Omim ID** | 605398 |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | CXC chemokine ligand 16 |

## Publication Reference

- Metformin Exhibits Anti-Inflammatory Effects by Regulating microRNA-451/CXCL16 and B Cell Leukemia/Lymphoma 2 in Patients With Osteoarthritis.

  Nahid Alimoradi., Amin Ramezani., Mohammad Tahami., Negar Firouzabadi.

  ACR open rheumatology 2025 Jan; 7(1):e11755.

  Application: ELISA, Human, Plasma

## Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

## Disease

- Asthma

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- Atherosclerosis
- Bronchiolitis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Coronary Artery Disease
- Coronary Stenosis
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Infant
- Inflammatory Bowel Diseases
- Kidney Failure
- Myocardial Infarction
- Respiratory Syncytial Virus Infections
- Stroke

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