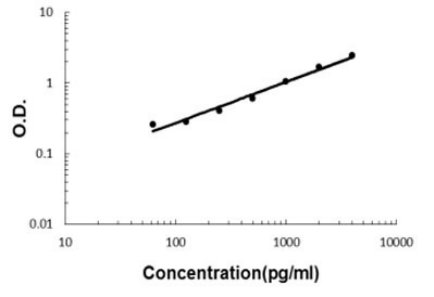
# ICOS (Human) ELISA Kit

Catalog # KA6165 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** | ICOS (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human ICOS in cell culture supernates, serum and plasma (heparin, EDTA). |
| **Suitable Sample** | Cell Culture Supernates, Plasma (EDTA, Heparin) and Serum. |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 62.5 to 4000 pg/mL |
| **Reactivity** | Human |
| **Regulatory Status** | For research use only (RUO) |
| **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. |
| **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 — ICOS

| | |
|---|---|
| **Entrez GeneID** | 29851 |
| **Protein Accession#** | Q9Y6W8 |
| **Gene Name** | ICOS |
| **Gene Alias** | AILIM, CD278, MGC39850 |
| **Gene Description** | inducible T-cell co-stimulator |
| **Omim ID** | 604558 607594 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. [provided by RefSeq |
| **Other Designations** | activation-inducible lymphocyte immunomediatory molecule\|inducible costimulator |

## Pathway

- Cell adhesion molecules (CAMs)
- Primary immunodeficiency
- T cell receptor signaling pathway

## Disease

- Adenocarcinoma
- Arthritis
- Asthma
- Bronchial Hyperreactivity

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- Carcinoma
- Celiac Disease
- Cholangitis
- Chronic Disease
- Common Variable Immunodeficiency
- Diabetes Mellitus
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Graft vs Host Disease
- Hepatitis C
- Hypersensitivity
- IgA Deficiency
- Leukemia
- Liver Cirrhosis
- Lupus Erythematosus
- Lymphoma
- Malignant melanoma
- Multiple Sclerosis
- Periodontitis
- Recurrence
- Uterine Cervical Neoplasms

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