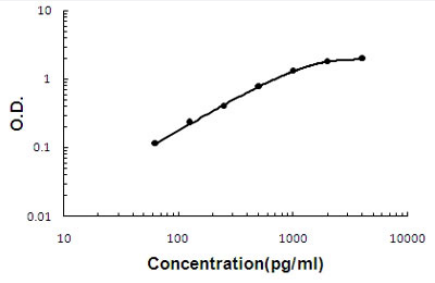
CD28 (Human) ELISA Kit

Catalog # KA6176 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	CD28 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human CD28 in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell Culture Supernates, Cell Lysates, 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 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 — CD28

Entrez GeneID	940
Protein Accession#	P10747
Gene Name	CD28
Gene Alias	MGC138290, Tp44
Gene Description	CD28 molecule
Omim ID	186760
Gene Ontology	Hyperlink
Gene Summary	CD28 costimulation is essential for CD4 (MIM 186940)-positive T-cell proliferation, survival, interl eukin-2 (IL2; MIM 147680) production, and T-helper type-2 (Th2) development.[supplied by OMIM
Other Designations	CD28 antigen|CD28 antigen (Tp44)|T-cell-specific surface glycoprotein

Pathway

- Allograft rejection
- Autoimmune thyroid disease
- Cell adhesion molecules (CAMs)
- Graft-versus-host disease
- Systemic lupus erythematosus
- T cell receptor signaling pathway
- Type I diabetes mellitus

Disease

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- Acute Disease
- Arthritis
- Asthma
- Behcet Syndrome
- Bronchiolitis
- Carcinoma
- Celiac Disease
- Cholangitis
- Colon cancer
- Colorectal Neoplasms
- Diabetes Mellitus
- Disease Progression
- Drug Eruptions
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hepatitis C
- Hodgkin Disease
- Hypersensitivity
- Infant
- Kidney Failure
- Leukemia
- Lupus Erythematosus
- Lymphoma
- Lymphoproliferative Disorders
- Malignant melanoma
- Multiple Myeloma

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- Multiple Sclerosis
- Occupational Diseases
- Pemphigus
- Respiratory Syncytial Virus Infections
- Stroke
- Uterine Cervical Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome

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