Ustekinumab (Human) ELISA Kit (Quantitative)

Catalog # KA6976 Size 1 Kit

Specification

Product Description	Ustekinumab (Human) ELISA Kit (Quantitative) is the specific and quantitative determination of free Ustekinumab in serum and plasma.
Suitable Sample	Serum or Plasma
Sample Volume	10 uL
Absorbance (nm)	450/650 nm
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	30 - 3000 ng/mL
Limit of Detection	2.34 ng/mL
Specificity	This kit is specific for Ustekinumab only and does not cross-react with other IL-23 capturers.
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — IL12A

Entrez GeneID	3592
Gene Name	IL12A

Gene Alias	CLMF, IL-12A, NFSK, NKSF1, P35
Gene Description	interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35)
Omim ID	161560
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a subunit of a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. The cytokine is a disulfide-linked heterodimer composed of the 35-kD subunit encoded by this gene, and a 40-kD subunit that is a member of the cytokine receptor family. This cytokine is required for the T-cell-independent induction of interferon (IFN)-gamma, and is important for the differentiation of both Th1 and Th2 cells. The responses of lymphocytes to this cytokine are mediated by the activator of transcription protein STAT4. Nitric oxide synthase 2A (NOS2A/NOS2) is found to be required for the signaling process of this cytokine in innate immunity. [provided by RefSeq
Other Designations	IL-12, subunit p35|NF cell stimulatory factor chain 1|cytotoxic lymphocyte maturation factor 1, p35|interleukin 12, p35|interleukin 12A|interleukin-12 alpha chain|natural killer cell stimulatory factor 1, 35 kD subunit

Gene Info — IL23A

Entrez GeneID	51561
Gene Name	IL23A
Gene Alias	IL-23, IL-23A, IL23P19, MGC79388, P19, SGRF
Gene Description	interleukin 23, alpha subunit p19
Omim ID	605580
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a subunit of the heterodimeric cytokine interleukin 23 (IL23). IL23 is composed of this protein and the p40 subunit of interleukin 12 (IL12B). The receptor of IL23 is formed by the beta 1 subunit of IL12 (IL12RB1) and an IL23 specific subunit, IL23R. Both IL23 and IL12 can activate the transcription activator STAT4, and stimulate the production of interferon-gamma (IFNG). In contrast to IL12, which acts mainly on naive CD4(+) T cells, IL23 preferentially acts on memory CD4(+) T cells. [provided by RefSeq
Other Designations	JKA3 induced upon T-cell activation|interleukin 23 p19 subunit

Pathway

- Allograft rejection

- Cytokine-cytokine receptor interaction
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- Jak-STAT signaling pathway
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- Toll-like receptor signaling pathway
- Type I diabetes mellitus

Disease

- Abortion
- Acquired Immunodeficiency Syndrome
- Adenocarcinoma
- Alveolitis
- Alzheimer Disease
- Anemia
- Arthritis
- Arthritis
- Asthma
- Autoimmune Diseases
- Breast Neoplasms
- Bronchiolitis
- Bronchopulmonary Dysplasia
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Chorioamnionitis
- Colorectal Neoplasms

- Common Variable Immunodeficiency
- Coronary Artery Disease
- Crohn Disease
- Dermatitis
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Ductus Arteriosus
- Edema
- Enterocolitis
- Esophageal Neoplasms
- Fetal Membranes
- Gastritis
- Genetic Predisposition to Disease
- Genetic Predisposition to Disease
- Gingival Hemorrhage
- Helicobacter Infections
- Hematologic Diseases
- Hepatitis B
- Hepatitis C
- Hepatitis C
- Herpesviridae Infections
- Hodgkin Disease
- Hypersensitivity
- Hypotension

- Idiopathic Pulmonary Fibrosis
- Infant
- Inflammation
- Kidney Failure
- Liver Cirrhosis
- Liver Neoplasms
- Lung Diseases
- Lung Neoplasms
- Lupus Erythematosus
- Lymphoma
- Lymphoproliferative Disorders
- Malaria
- Malignant melanoma
- Melanoma
- Mental Disorders
- Multiple Myeloma
- Multiple Sclerosis
- Myasthenia Gravis
- Nasopharyngeal Neoplasms
- Neuropsychological Tests
- Obstetric Labor
- Occupational Diseases
- Osteoarthritis
- Papillomavirus Infections
- Pemphigus
- Periodontal Pocket

- Periodontitis
- Pneumonia
- Pre-Eclampsia
- Premature Birth
- Proteinuria
- Psoriasis
- Psoriasis
- Pulmonary Disease
- Pulmonary Fibrosis
- Recurrence
- Respiratory Distress Syndrome
- Respiratory Syncytial Virus Infections
- Sarcoidosis
- Sarcoma
- Schizophrenia
- Scleroderma
- Scleroderma
- Skin Neoplasms
- Skin Ulcer
- Stomach Neoplasms
- Stomatitis
- Tuberculosis
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome