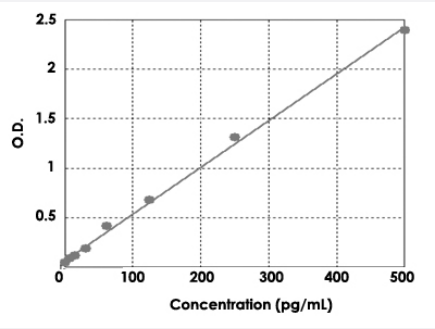
IL10 (Human) ELISA Kit

Catalog # KA3069 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	IL10 (Human) ELISA Kit is intended for the quantitative measurement of human IL10.
Suitable Sample	Body Fluid, Cell Culture Supernate, Serum, Tissue Lysate
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	7.8 to 500 pg/mL (Body Fluid, Tissue Lysate, Cell Culture Supernate) 3.4 to 250 pg/mL (Serum, Plasma)
Reactivity	Human
Regulation 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 unknown s. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 4 months, or at -20°C for 8 months.

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Applications

- Quantification

Gene Info — IL10

Entrez GeneID	3586
Gene Name	IL10
Gene Alias	CSIF, IL-10, IL10A, MGC126450, MGC126451, TGIF
Gene Description	interleukin 10
Omim ID	124092 180300
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation . It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecule s on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cyt okine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immuno regulator in the intestinal tract. [provided by RefSeq
Other Designations	cytokine synthesis inhibitory factor

Pathway

- Allograft rejection
- Asthma
- Autoimmune thyroid disease
- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway
- Systemic lupus erythematosus
- T cell receptor signaling pathway

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Disease

- Abortion
- Abscess
- Acidosis
- Acquired Immunodeficiency Syndrome
- Acute Disease
- Acute Lung Injury
- Adenocarcinoma
- Adenoma
- Adenomatous Polyps
- Adenovirus Infections
- Aggressive Periodontitis
- AIDS-Related Opportunistic Infections
- Albuminuria
- Alcoholism
- alpha 1-Antitrypsin Deficiency
- Alpha-1-antitrypsin deficiency
- Alphavirus Infections
- Alveolar Bone Loss
- Alveolitis
- Alzheimer disease
- Anemia
- Aneurysm
- Angina Pectoris
- Aortic Aneurysm

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- Aortic Rupture
- Aortic Valve Stenosis
- Appetite
- Arteriosclerosis
- Arthralgia
- Arthritis
- Aspergillosis
- Asthma
- Atherosclerosis
- Atrial Fibrillation
- Autoimmune Diseases
- Bacteremia
- Bacterial Infections
- Barrett Esophagus
- Behcet Syndrome
- Biliary Atresia
- Biliary Tract Neoplasms
- Bipolar Disorder
- Bone Marrow Diseases
- Boutonneuse Fever
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchiolitis
- Bronchiolitis Obliterans

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- Bronchitis
- Bronchopneumonia
- Bronchopulmonary Dysplasia
- Brucellosis
- Burns
- Cachexia
- Cadaver
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Carotid Artery Diseases
- Carotid Stenosis
- Celiac Disease
- Central Nervous System Neoplasms
- Cerebral Palsy
- Cerebrovascular Disorders
- Cervical Intraepithelial Neoplasia
- Chagas Cardiomyopathy
- Chagas Disease
- Chlamydia Infections
- Chorioamnionitis
- Choroidal Neovascularization
- Chronic Disease
- Chronic Periodontitis
- Churg-Strauss Syndrome
- Clonorchiasis

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- Colitis
- Colon cancer
- Colonic Neoplasms
- Colorectal Neoplasms
- Common Cold
- Common Variable Immunodeficiency
- Communicable Diseases
- Community-Acquired Infections
- Connective Tissue Diseases
- Constipation
- Corneal Ulcer
- Coronary Aneurysm
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Coronary Stenosis
- Critical Illness
- Crohn Disease
- Cystic fibrosis
- Cytomegalovirus Infections
- Cytomegalovirus Retinitis
- Delayed Graft Function
- Dengue Hemorrhagic Fever
- Dental Plaque
- Depressive Disorder
- Dermatitis

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- Dermatomyositis
- Diabetes
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Diabetic Neuropathies
- Diarrhea
- Disease
- Disease Models
- Disease Progression
- Disease Susceptibility
- Down Syndrome
- Drug Hypersensitivity
- Ductus Arteriosus
- Duodenal Diseases
- Duodenal Ulcer
- Eclampsia
- Edema
- Embryo Loss
- Encephalitis
- Endometriosis
- Endotoxemia
- Enterocolitis
- Enterovirus Infections
- Epidermodysplasia Verruciformis
- Epilepsy

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- Epstein-Barr Virus Infections
- Erythema Nodosum
- Escherichia coli Infections
- Esophageal Neoplasms
- Esophagitis
- Eye Infections
- Fabry Disease
- Fallopian Tube Diseases
- Fatigue
- Fatigue Syndrome
- Fatty Liver
- Fetal Death
- Fetal Diseases
- Fetal Membranes
- Fever
- Fibrosis
- Food Hypersensitivity
- Gallbladder Diseases
- Gastritis
- Gastroenteritis
- Gastroesophageal Reflux
- Gastrointestinal Diseases

- Gender Identity
- Genetic Predisposition to Disease
- Gingival Hemorrhage

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- Gingivitis
- Glomerulonephritis
- Glomerulosclerosis
- Glucosephosphate Dehydrogenase Deficiency
- Graft vs Host Disease
- Graves Disease
- Graves Ophthalmopathy
- Guillain-Barre Syndrome
- Head and Neck Neoplasms
- Heart Diseases
- Heart Failure
- Heart Valve Diseases
- Helicobacter Infections
- Hematologic Diseases
- Hematologic Neoplasms
- Hemophilia A
- Hepatitis
- Hepatitis B
- Hepatitis C
- Hernia
- Herpes Simplex
- Herpes Zoster
- Herpesviridae Infections
- HIV Infections
- HIV Seropositivity
- Hodgkin Disease

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- HTLV-I Infections
- Hypercholesterolemia
- Hyperglycemia
- Hyperlipidemias
- Hyperparathyroidism
- Hypersensitivity
- Hypertension
- Hypertrophy
- Hyperuricemia
- Hypoxia
- Idiopathic Pulmonary Fibrosis
- IgA Deficiency
- Immune System Diseases
- Infant
- Infection
- Infectious Mononucleosis
- Infertility
- Inflammation
- Inflammatory Bowel Diseases
- Insulin Resistance
- Intervertebral Disk Displacement
- Intracranial Arteriosclerosis
- Inversion
- Irritable Bowel Syndrome
- Kidney Diseases
- Kidney Failure

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- Kidney Neoplasms
- Leishmaniasis
- Leprosy
- Leptospirosis
- Leukemia
- Lichen Planus
- Liver Cirrhosis
- Liver Diseases
- Liver Failure
- Liver Neoplasms
- Lung Diseases
- Lung Neoplasms
- Lupus Erythematosus
- Lupus Nephritis
- Lymphadenitis
- Lymphatic Metastasis
- Lymphocytosis
- Lymphoma
- Lymphoproliferative Disorders
- Macular Degeneration
- Malaria
- Malignant melanoma
- Malnutrition
- Melanoma
- Meningitis
- Meningococcal Infections

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- Mental Disorders
- Metabolic Syndrome X
- Metaplasia
- Migraine Disorders
- Mitral Valve Prolapse
- Mood Disorders
- Mouth Neoplasms
- Mucocutaneous Lymph Node Syndrome
- Multiple Myeloma
- Multiple Organ Failure
- Multiple Sclerosis
- Multiple System Atrophy
- Multiple Trauma
- Musculoskeletal Diseases
- Myasthenia Gravis
- Mycobacterium Infections
- Myelodysplastic Syndromes
- Myocardial Infarction
- Nasopharyngeal Neoplasms
- Neoplasm Invasiveness
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Neuropsychological Tests
- Obesity
- Obstetric Labor

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- Occupational Diseases
- Ophthalmia
- Oral Ulcer
- Osteoarthritis
- Osteolysis
- Osteoporosis
- Osteosarcoma
- Otitis Media
- Ovarian cancer
- Ovarian Neoplasms
- Pain
- Pancreatic cancer
- Pancreatic Neoplasms
- Pancreatitis
- Panic Disorder
- Papillomavirus Infections
- Paracoccidioidomycosis
- Paraparesis
- Parasitemia
- Parasitic Diseases
- Parkinson disease
- Parvoviridae Infections
- Pelvic Pain
- Pemphigoid
- Pemphigus
- Peptic Ulcer

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- Periapical Periodontitis
- Periodontal Attachment Loss
- Periodontal Diseases
- Periodontal Pocket
- Periodontitis
- Peripheral Vascular Diseases
- Picornaviridae Infections
- Pneumonia
- Polyarteritis Nodosa
- Polycystic Ovary Syndrome
- Postoperative Complications
- Precancerous Conditions
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Prostatitis
- Prosthesis Failure
- Pseudolymphoma
- Pseudomonas Infections
- Psoriasis
- Psychiatric Status Rating Scales
- Puerperal Disorders
- Pulmonary Disease

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- Pulmonary Fibrosis
- Purpura
- Q Fever
- Radiation Injuries
- Radiation Pneumonitis
- Recurrence
- Renal Artery Obstruction
- Renal Insufficiency
- Reperfusion Injury
- Respiratory Distress Syndrome
- Respiratory Hypersensitivity
- Respiratory Syncytial Virus Infections
- Respiratory Tract Infections
- Retinal Artery Occlusion
- Retinal Diseases
- Retinal Vein Occlusion
- Rheumatic Heart Disease
- Rhinitis
- Salmonella Infections
- Sarcoidosis
- Sarcoma
- Schistosomiasis mansoni
- Schizophrenia
- Sciatica
- Scleroderma
- Seizures

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- Seminoma
- Sepsis
- Severe Acute Respiratory Syndrome
- Severe combined immunodeficiency
- Shock
- Silicosis
- Sinusitis
- Skin Diseases
- Skin Neoplasms
- Skin Ulcer
- Spinal Cord Diseases
- Spondylitis
- Stomach Diseases
- Stomach Neoplasms
- Stomach Ulcer
- Stomatitis
- Streptococcal Infections
- Stress
- Stroke
- Subacute Sclerosing Panencephalitis
- Substance-Related Disorders
- Sudden Infant Death
- Syndrome
- Systemic Inflammatory Response Syndrome
- Systemic Vasculitis

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- Temporal Arteritis
- Testicular Neoplasms
- Thoracic Neoplasms
- Thromboembolism
- Thrombosis
- Thymoma
- Thymus Neoplasms
- Thyroid Diseases
- Thyroid Neoplasms
- Tooth Diseases
- Trachoma
- Translocation
- Trypanosomiasis
- Tuberculosis
- Uremia
- Urinary Bladder Neoplasms
- Uterine Cervical Incompetence
- Uterine Cervical Neoplasms
- Uterine Diseases
- Uveitis
- Vaginal Diseases
- Vaginosis
- Vascular Diseases
- Vasculitis
- Venous Thrombosis
- Viremia

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- Vitiligo
- Waldenstrom Macroglobulinemia
- Wegener Granulomatosis
- Werner syndrome
- Wounds and Injuries

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