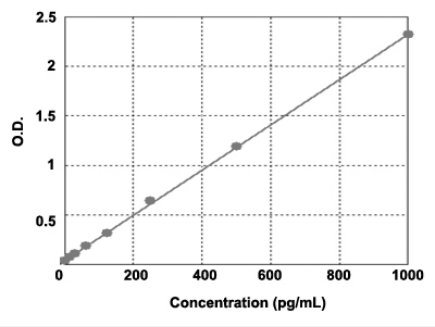
IL8 (Human) ELISA Kit

Catalog # KA3068 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	IL8 (Human) ELISA Kit is intended for the quantitative measurement of human IL8.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/mL (Body Fluid, Tissue Lysate, Cell Culture Supernate) 7.8 to 500 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 6 months, or at -20°C for 12 months.

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Applications

- Quantification

Gene Info — IL8

Entrez GeneID	3576
Gene Name	IL8
Gene Alias	CXCL8, GCP-1, GCP1, LECT, LUCT, LYNAP, MDNCF, MONAP, NAF, NAP-1, NAP1
Gene Description	interleukin 8
Omim ID	146930
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. This gene and other ten members of the CXC chemokine gene family form a chemokine gene cluster in a region mapped to chromosome 4q. [provided by RefSeq
Other Designations	T cell chemotactic factor|beta-thromboglobulin-like protein|chemokine (C-X-C motif) ligand 8|emoctakin|granulocyte chemotactic protein 1|lymphocyte-derived neutrophil-activating factor|monocyte-derived neutrophil chemotactic factor|neutrophil-activating p

Pathway

- Bladder cancer
- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction
- Epithelial cell signaling in Helicobacter pylori infection
- Pathways in cancer
- Toll-like receptor signaling pathway

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Disease

- Acute Disease
- Adenocarcinoma
- Adenomatous Polyps
- Alcoholism
- Alzheimer disease
- Appetite
- Arthritis
- Asthma
- Atherosclerosis
- Atrophy
- Bacterial Infections
- Barrett Esophagus
- Behcet Syndrome
- Biliary Tract Neoplasms
- Birth Weight
- Blindness
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchiolitis
- Cachexia
- Calcinosis

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- Carcinoma
- Cardiovascular Diseases
- Cerebral Palsy
- Cerebrovascular Accident
- Chlamydophila Infections
- Chorioamnionitis
- Choroidal Neovascularization
- Chronic Disease
- Colitis
- Colon cancer
- Colonic Neoplasms
- Colonic Polyps
- Colorectal Neoplasms
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Restenosis
- Cystic fibrosis
- Cytomegalovirus Infections
- Dementia
- Dermatitis
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Diarrhea
- Disease Models

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- Disease Progression
- Ductus Arteriosus
- Duodenal Ulcer
- Edema
- Enterocolitis
- Enterovirus Infections
- Epilepsy
- Esophageal Neoplasms
- Esophagitis
- Fatigue
- Fetal Diseases
- Fetal Membranes
- Fever
- Gastritis
- Genetic Predisposition to Disease
- Genomic Instability
- Glioblastoma
- Glioma
- Gram-Negative Bacterial Infections
- Graves Disease
- Helicobacter Infections
- Hematologic Diseases
- Hernia
- Herpesviridae Infections
- HIV Infections
- Hodgkin Disease

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- Hypersensitivity
- Infant
- Infection
- Inflammation
- Ischemia
- Kidney Diseases
- Kidney Failure
- Laryngeal Neoplasms
- Leiomyoma
- Leukemia
- Lichen Planus
- Liver Cirrhosis
- Lung Diseases
- Lung Neoplasms
- Lupus Erythematosus
- Lymphadenitis
- Lymphatic Metastasis
- Lymphoma
- Lymphoproliferative Disorders
- Macular Degeneration
- Maduromycosis
- Malignant melanoma
- Melanoma
- Meningeal Neoplasms
- Meningioma
- Metabolic Syndrome X

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- Metaplasia
- Mouth Neoplasms
- Multiple Myeloma
- Multiple Organ Failure
- Multiple Sclerosis
- Multiple System Atrophy
- Multiple Trauma
- Musculoskeletal Diseases
- Mycobacterium Infections
- Myocardial Infarction
- Nasopharyngeal Neoplasms
- Neoplasm Invasiveness
- Neoplasm Recurrence
- Neoplasms
- Neovascularization
- Nephritis
- Obesity
- Obstetric Labor
- Occupational Diseases
- Osteoarthritis
- Osteoporosis
- Otitis Media
- Ovarian cancer
- Ovarian Neoplasms
- Pain
- Pancreatic cancer

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- Pancreatic Neoplasms
- Pancreatitis
- Papillomavirus Infections
- Parkinson disease
- Pemphigoid
- Peptic Ulcer
- Periodontitis
- Pharyngeal Neoplasms
- Postoperative Complications
- Precancerous Conditions
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prenatal Exposure Delayed Effects
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Psoriasis
- Puerperal Disorders
- Pulmonary Disease
- Purpura
- Pyelonephritis
- Radiation Injuries
- Radiation Pneumonitis
- Rectal Neoplasms

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- Recurrence
- Respiratory Distress Syndrome
- Respiratory Sounds
- Respiratory Syncytial Virus Infections
- Respiratory Tract Diseases
- Retinal Vein Occlusion
- Sarcoma
- Scleroderma
- Seizures
- Sepsis
- Skin Diseases
- Skin Neoplasms
- Stomach Diseases
- Stomach Neoplasms
- Stomach Ulcer
- Streptococcal Infections
- Systemic Inflammatory Response Syndrome
- Tongue Neoplasms
- Trachoma
- Trypanosomiasis
- Tuberculosis
- Urinary Bladder Neoplasms
- Urinary Tract Infections
- Uterine Cervical Neoplasms
- Uterine Neoplasms

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- Vaginal Diseases
- Vaginosis
- Vesico-Ureteral Reflux
- Waldenstrom Macroglobulinemia
- Werner syndrome

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