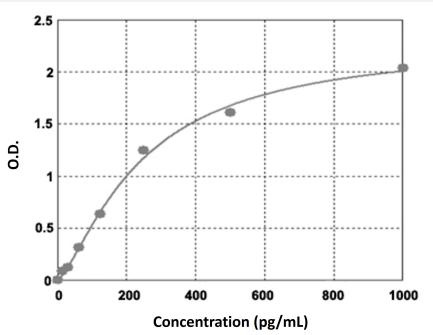
CCL2 (Human) ELISA Kit

Catalog # KA3082 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	CCL2 (Human) ELISA Kit is intended for the quantitative measurement of human CCL2.
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
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 — CCL2

Entrez GeneID	6347
Gene Name	CCL2
Gene Alias	GDCF-2, HC11, HSMCR30, MCAF, MCP-1, MCP1, MGC9434, SCYA2, SMC-CF
Gene Description	chemokine (C-C motif) ligand 2
Omim ID	158105 182940 607948 609423
Gene Ontology	Hyperlink
Gene Summary	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members o f this subfamily are characterized by two cysteines separated by a single amino acid. This cytokin e displays chemotactic activity for monocytes and basophils but not for neutrophils or eosinophils. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis and atherosclerosis. It binds to chemokine receptors CCR2 and C CR4. [provided by RefSeq
Other Designations	monocyte chemoattractant protein-1|monocyte chemotactic and activating factor|monocyte chemo tactic protein 1, homologous to mouse Sig-je|monocyte secretory protein JE|small inducible cytoki ne A2|small inducible cytokine A2 (monocyte chemotactic protein 1,

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Acquired Immunodeficiency Syndrome

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- Acute Disease
- AIDS Dementia Complex
- Alopecia Areata
- Alzheimer disease
- Angina Pectoris
- Arteriosclerosis
- Arthritis
- Ascites
- Asthma
- Atherosclerosis
- Bacterial Infections
- Behcet Syndrome
- Bipolar Disorder
- Birth Weight
- Brain Ischemia
- Breast cancer
- Bronchial Hyperreactivity
- Bronchiolitis
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Carotid Artery Diseases
- Carotid Stenosis
- Carpal Tunnel Syndrome
- Celiac Disease
- Cerebrovascular Accident

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- Chagas Cardiomyopathy
- Chlamydophila Infections
- Chorioamnionitis
- Chromosome Breakage
- Chronic Disease
- Cleft Lip
- Cleft Palate
- Cognition
- Cognition Disorders
- Colitis
- Colorectal Neoplasms
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Disease
- Crohn Disease
- Cumulative Trauma Disorders
- Dementia
- Depressive Disorder
- Dermatitis
- Dermatomyositis
- Diabetes
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Diabetic Retinopathy
- Disease Progression

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- Disease Susceptibility
- Drug Toxicity
- Duodenal Ulcer
- Edema
- Encephalitis
- Encephalomyelitis
- Endometrial Neoplasms
- Endometriosis
- Esophagitis
- Fetal Diseases
- Fetal Membranes
- Fibrosis
- Gastritis
- Gender Identity
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Glomerulonephritis
- Graft vs Host Disease
- Heart Defects
- Helicobacter Infections
- Hepatitis B
- Hepatitis C
- HIV Infections

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- HTLV-I Infections
- Hypercholesterolemia
- Hyperinsulinism
- Hypersensitivity
- Hypertension
- Hypoplastic Left Heart Syndrome
- Immune System Diseases
- Infant
- Infection
- Inflammation
- Inflammatory Bowel Diseases
- Insulin Resistance
- Kidney Diseases
- Kidney Failure
- Kidney Neoplasms
- Leishmaniasis
- Leukemia
- Liver Cirrhosis
- Liver Neoplasms
- Lung Diseases
- Lung Neoplasms
- Lupus Erythematosus
- Lupus Nephritis
- Lymphangioleiomyomatosis
- Lymphoma
- Macular Degeneration

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- Meningeal Neoplasms
- Meningioma
- Metabolic Syndrome X
- Mood Disorders
- Multiple Sclerosis
- Musculoskeletal Diseases
- Myocardial Infarction
- Myocardial Ischemia
- Narcolepsy
- Nasopharyngeal Neoplasms
- Neoplasm Metastasis
- Neoplasms
- Neural Tube Defects
- Neuropsychological Tests
- Obesity
- Obstetric Labor
- Ocular Hypertension
- Osteoarthritis
- Osteoporosis
- Pain
- Pancreatitis
- Parkinson disease
- Pelvic Inflammatory Disease
- Peripheral Vascular Diseases
- Peritonitis
- Pneumoconiosis

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- Polymyositis
- Precancerous Conditions
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Psoriasis
- Pulmonary Disease
- Radiation Injuries
- Radiation Pneumonitis
- Recurrence
- Respiratory Syncytial Virus Infections
- Retinal Diseases
- Retinal Vasculitis
- Retinal Vein Occlusion
- Rhabdomyolysis
- Sarcoidosis
- Schizophrenia
- Schizophrenic Psychology
- Scleroderma
- Severe Acute Respiratory Syndrome
- Skin Diseases
- Stomach Ulcer
- Stroke
- Syndrome

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- Thrombocytopenia
- Translocation
- Tuberculosis
- Tuberous sclerosis
- Urinary Bladder Neoplasms
- Uterine Diseases
- Uveitis
- Uveomeningoencephalitic Syndrome
- Vasculitis
- Vision
- Weight Gain

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