TLR2 (Human) ELISA Kit

Catalog # KA2350 Size 1 Kit

Specification

Product Description	TLR2 (Human) ELISA Kit is an immunoassay for quantitative detection of human TLR2 in serum, plasma, cell culture supernatant.
Suitable Sample	Cell culture Supernatant, Plasma (EDTA, Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10,000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — TLR2

Entrez GeneID	7097
Gene Name	TLR2
Gene Alias	CD282, TIL4

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Gene Description	toll-like receptor 2
Omim ID	114500 246300 603028
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB. [provided by RefSeq
Other Designations	toll/interleukin 1 receptor-like 4

Pathway

- Toll-like receptor signaling pathway

Disease

- Acute Disease
- Aggressive Periodontitis
- Amyloidosis
- Arthritis
- Aspergillosis
- Asthma
- Atherosclerosis
- Bacteremia
- Bacterial Infections
- Bacteriuria
- Behcet Syndrome
- Birth Weight

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- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchiectasis
- Bronchiolitis
- Bronchiolitis Obliterans
- Calcinosis
- Candidiasis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Chagas Cardiomyopathy
- Chlamydia Infections
- Chorioamnionitis
- Chronic Disease
- Chronic Periodontitis
- Colitis
- Colorectal Neoplasms
- Communicable Diseases
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Critical Illness
- Crohn Disease
- Cystitis
- Cytomegalovirus Infections
- Dental Plaque

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- Dermatitis
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Duodenal Ulcer
- Eczema
- Edema
- Elephantiasis
- Epidermal Necrolysis
- Familial Mediterranean fever
- Fetal Diseases
- Fetal Membranes
- Filariasis
- Food Hypersensitivity
- Gallbladder Neoplasms
- Gastritis
- Genetic Predisposition to Disease
- Genital Diseases
- Gingival Hemorrhage
- Glioblastoma
- Glioma
- Glomerulonephritis
- Gram-Negative Bacterial Infections
- Head and Neck Neoplasms
- Helicobacter Infections

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- Hematologic Diseases
- Hematologic Neoplasms
- Hepatitis C
- Herpes Genitalis
- HIV Infections
- Hodgkin Disease
- Hypersensitivity
- Infant
- Infection
- Inflammation
- Inflammatory Bowel Diseases
- Insulin Resistance
- Leishmaniasis
- Leprosy
- Leukemia
- Low Tension Glaucoma
- Lung Diseases
- Lung Neoplasms
- Lupus Erythematosus
- Lyme Disease
- Lymphoma
- Lymphoproliferative Disorders
- Malaria
- Meningeal Neoplasms
- Meningioma
- Meningitis

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- Meningococcal Infections
- Metaplasia
- Multiple Myeloma
- Multiple Sclerosis
- Musculoskeletal Diseases
- Mycobacterium avium-intracellulare Infection
- Mycobacterium Infections
- Mycoses
- Myocardial Infarction
- Nasal Polyps
- Neoplasm Recurrence
- Neoplasms
- Nephritis
- Obesity
- Obstetric Labor
- Occupational Diseases
- Otitis Media
- Pancreatitis
- Papillomavirus Infections
- Parasitemia
- Peptic Ulcer
- Periodontal Diseases
- Periodontitis
- Pneumococcal Infections
- Pneumonia
- Pre-Eclampsia

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- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Puerperal Disorders
- Pulmonary Disease
- Purpura
- Pyelonephritis
- Q Fever
- Recurrence
- Respiratory Sounds
- Respiratory Syncytial Virus Infections
- Respiratory Tract Infections
- Rheumatic Fever
- Rheumatic Heart Disease
- Rhinitis
- Salmonella Infections
- Sarcoidosis
- Sepsis
- Shock
- Sinusitis
- Skin Diseases
- Spondylitis
- Staphylococcal Infections
- Staphylococcal Skin Infections
- Stevens-Johnson Syndrome

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- Stomach Neoplasms
- Streptococcal Infections
- Systemic Inflammatory Response Syndrome
- Tobacco Use Disorder
- Tuberculosis
- Urinary Bladder Neoplasms
- Urinary Tract Infections
- Uterine Cervical Neoplasms
- Vaginosis
- Virus Diseases
- Waldenstrom Macroglobulinemia
- Werner syndrome

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