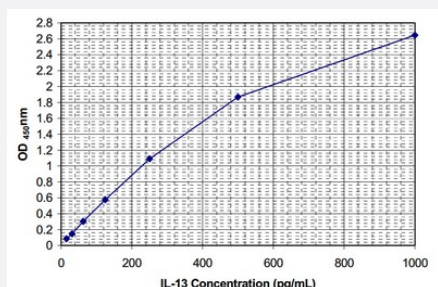


IL13 (Human) ELISA Kit

Catalog # KA3943 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	IL 13 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL13.
Suitable Sample	Cell Culture Supernatant, Plasma, Serum
Sample Volume	100 uL
Label	Biotin-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	4.7%
Inter-Assay	5.12%
Calibration Range	15.6 to 1000 pg/mL
Limit of Detection	1 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)

Quality Control Testing

Standard curve

The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Storage Instruction

Store the kit at 4°C.

Applications

- Quantification

Gene Info — IL13

Entrez GeneID[3596](#)**Gene Name**

IL13

Gene Alias

ALRH, BHR1, IL-13, MGC116786, MGC116788, MGC116789, P600

Gene Description

interleukin 13

Omim ID[147683](#) [600807](#) [607154](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4. [provided by RefSeq]

Other Designations

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Pathway

- [Asthma](#)
- [Cytokine-cytokine receptor interaction](#)
- [Fc epsilon RI signaling pathway](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Adenocarcinoma](#)
- [Aggressive Periodontitis](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Biliary Tract Neoplasms](#)
- [Brain Ischemia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cataract](#)
- [Celiac Disease](#)
- [Central Nervous System Neoplasms](#)
- [Chlamydia Infections](#)
- [Chronic Periodontitis](#)
- [Colitis](#)
- [Conjunctivitis](#)
- [Connective Tissue Diseases](#)

- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Drug Hypersensitivity](#)
- [Eczema](#)
- [Edema](#)
- [Egg Hypersensitivity](#)
- [Eosinophilia](#)
- [Epidermal Necrolysis](#)
- [Erythema Nodosum](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Eye Diseases](#)
- [Fetal Diseases](#)
- [Fibrosis](#)
- [Food Hypersensitivity](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Gingival Hemorrhage](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)

- [Graves Disease](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Latex Hypersensitivity](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Mastocytosis](#)
- [Migraine Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Nephrosis](#)

- [Nephrotic Syndrome](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Onchocerciasis](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Pain](#)
- [Parasitemia](#)
- [Pemphigoid](#)
- [Peptic Ulcer](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Puerperal Disorders](#)
- [Pulmonary Disease](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Recurrence](#)
- [Respiratory Hypersensitivity](#)
- [Respiratory Sounds](#)

- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Sarcoma](#)
- [Schistosomiasis japonica](#)
- [Schistosomiasis mansoni](#)
- [Scleroderma](#)
- [Sepsis](#)
- [Skin Diseases](#)
- [Stevens-Johnson Syndrome](#)
- [Streptococcal Infections](#)
- [Stroke](#)
- [Trachoma](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Vaginosis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)