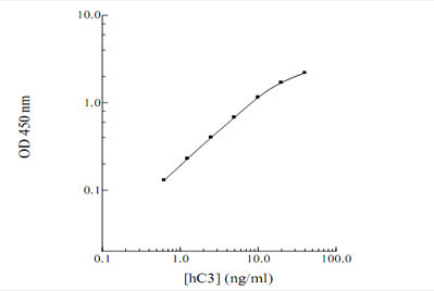
C3 (Human) ELISA Kit

Catalog # KA1020 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	C3 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human complement C3.
Suitable Sample	Cell Culture Supernatant, Cell Lysate, CSF, Milk, Saliva, Urine
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.625 to 40 ng/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

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- Quantification

Gene Info — C3

Entrez GeneID	718
Gene Name	C3
Gene Alias	ARMD9, ASP, CPAMD1
Gene Description	complement component 3
Omim ID	120700
Gene Ontology	Hyperlink
Gene Summary	Complement component C3 plays a central role in the activation of complement system. Its activat ion is required for both classical and alternative complement activation pathways. People with C3 deficiency are susceptible to bacterial infection. [provided by RefSeq
Other Designations	acylation-stimulating protein cleavage product|complement component C3

Publication Reference

- Supporting evidences for potential biomarkers of endometriosis detected in peripheral blood.

  Signorile PG, Baldi A.

  Data in Brief 2015 Nov; 5:971.

  Application: ELISA, Human, Serum

- Successful treatment of severe Raynaud's phenomenon with bosentan in four patients with systemic sclerosis.

  Ramos-Casals M, Brito-Zeron P, Nardi N, Claver G, Risco G, Parraga FD, Fernandez S, Julia M, Font J.

  Rheumatology (Oxford, England) 2004 Nov; 43(11):1454.

- The effect of locally synthesised complement on acute renal allograft rejection.

  Sacks S, Zhou W.

  Journal of Molecular Medicine 2003 Jul; 81(7):404.

  Application: Quant, Human, Mouse, Serum

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- Structure and biology of complement protein C3, a connecting link between innate and acquired immunity.

  Sahu A, Lambris JD.

  Immunological Reviews 2001 Apr; 180:35.

Pathway

- Complement and coagulation cascades
- Systemic lupus erythematosus

Disease

- Alzheimer disease
- Asthma
- Atherosclerosis
- Birth Weight
- Brain Ischemia
- Bronchial Hyperreactivity
- Bronchiolitis
- Calcinosis
- Cardiovascular Diseases
- Celiac Disease
- Chlamydia Infections
- Choroidal Neovascularization
- Coronary Artery Disease
- Coronary Disease
- Dermatitis
- Diabetes Complications

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- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Diseases in Twins
- Edema
- Erythema Nodosum
- Genetic Predisposition to Disease
- Geographic Atrophy
- Glioblastoma
- Glioma
- Hematologic Diseases
- Hemolytic-Uremic Syndrome
- Hypersensitivity
- Hypertension
- Infant
- Inflammation
- Inflammatory Bowel Diseases
- Leukemia
- Lupus Erythematosus
- Lymphoma
- Macular Degeneration
- Meningeal Neoplasms
- Meningioma
- Metabolic Syndrome X
- Migraine Disorders
- Neoplasms

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- Occupational Diseases
- Osteoporosis
- Ovarian Neoplasms
- Pulmonary Disease
- Recurrence
- Respiratory Syncytial Virus Infections
- Retinal Drusen
- Sarcoidosis
- Stroke
- Tobacco Use Disorder
- Trachoma
- Tuberculosis
- Vision
- Wet Macular Degeneration

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