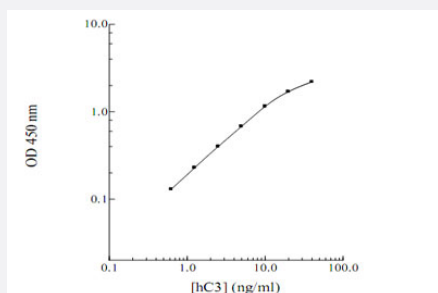


C3 (Human) ELISA Kit

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 μ L
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

- 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 activation 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

- [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](#)

- [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](#)

- [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](#)