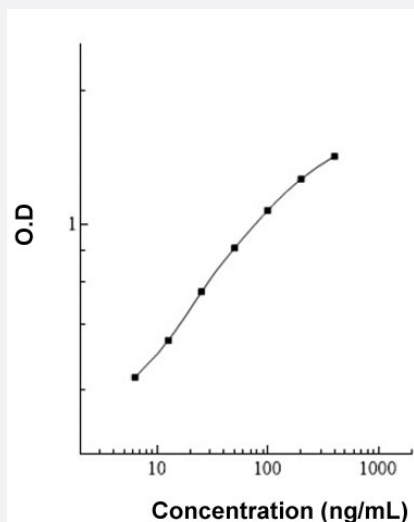


C2 (Human) ELISA Kit

Catalog # KA3821

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	C2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human C2.
Suitable Sample	Cell Culture Supernatant, Cell lysate, CSF, Plasma, Saliva, Serum, Milk
Sample Volume	50 μ L
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	6.25 to 400 ng/mL
Reactivity	Human, Monkey
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C. For long term storage, please store at -20°C.

Applications

- Quantification

Gene Info — C2

Entrez GeneID	717
Gene Name	C2
Gene Alias	CO2, DKFZp779M0311
Gene Description	complement component 2
Omim ID	217000 603075
Gene Ontology	Hyperlink
Gene Summary	Component C2 is a serum glycoprotein that functions as part of the classical pathway of the complement system. Activated C1 cleaves C2 into C2a and C2b. The serine proteinase C2a then combines with complement factor 4b to create the C3 or C5 convertase. Deficiency of C2 has been reported to associated with certain autoimmune diseases and SNPs in this gene have been associated with altered susceptibility to age-related macular degeneration. This gene localizes within the class III region of the MHC on the short arm of chromosome 6. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described in publications but their full-length sequence has not been determined
Other Designations	C3/C5 convertase OTTHUMP00000029277 OTTHUMP00000062690 complement C2 complement component C2

Pathway

- [Complement and coagulation cascades](#)
- [Systemic lupus erythematosus](#)

Disease

- [Atherosclerosis](#)
- [Autoimmune Diseases](#)

- [Birth Weight](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Choroid Diseases](#)
- [Choroidal Neovascularization](#)
- [Coronary Aneurysm](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Cross Infection](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Geographic Atrophy](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Inflammatory Bowel Diseases](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)

- [Mucocutaneous Lymph Node Syndrome](#)
- [Peripheral Vascular Diseases](#)
- [Pneumonia](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Retinal Diseases](#)
- [Retinal Drusen](#)
- [Vision](#)
- [Wet Macular Degeneration](#)
- [Wounds and Injuries](#)