

Eculizumab (Human) ELISA Kit (Quantitative)

Catalog # KA6979

Size 1 Kit

Specification

Product Description	Eculizumab (Human) ELISA Kit (Quantitative) is a quantitative determination of free Eculizumab in serum and plasma.
Suitable Sample	Serum or Plasma
Sample Volume	10 μ L
Absorbance (nm)	450/650 nm
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	6 - 200 ng/mL
Limit of Detection	4.68 ng/mL
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — C5

Entrez GeneID	727
Gene Name	C5
Gene Alias	CPAMD4, FLJ17816, FLJ17822, MGC142298

Gene Description	complement component 5
Omim ID	120900
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the fifth component of complement, which plays an important role in inflammatory and cell killing processes. This protein is comprised of alpha and beta polypeptide chains that are linked by a disulfide bridge. An activation peptide, C5a, which is an anaphylatoxin that possesses potent spasmogenic and chemotactic activity, is derived from the alpha polypeptide via cleavage with a convertase. The C5b macromolecular cleavage product can form a complex with the C6 complement component, and this complex is the basis for formation of the membrane attack complex, which includes additional complement components. Mutations in this gene cause complement component 5 deficiency, a disease where patients show a propensity for severe recurrent infections. Defects in this gene have also been linked to a susceptibility to liver fibrosis and to rheumatoid arthritis. [provided by RefSeq]
Other Designations	OTTHUMP00000022001 anaphylatoxin C5a analog

Pathway

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

Disease

- [Aggressive Periodontitis](#)
- [Alopecia Areata](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)

- [Bronchiolitis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chlamydia Infections](#)
- [Chronic Periodontitis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Endometriosis](#)
- [Erythema Nodosum](#)
- [Genetic Predisposition to Disease](#)
- [Giant Cell Arteritis](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)

- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Migraine Disorders](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Pemphigus](#)
- [Periodontitis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rheumatic Heart Disease](#)
- [Sarcoidosis](#)
- [Scleroderma](#)
- [Sepsis](#)
- [Stroke](#)
- [Trachoma](#)
- [Wegener Granulomatosis](#)