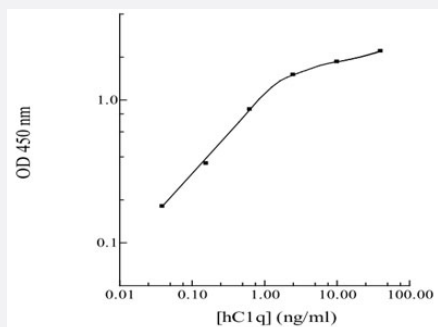


C1Q (Human) ELISA Kit

Catalog # KA3828 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	C1Q (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human complement C1Q.
Suitable Sample	Cell Culture Samples, CSF, Milk, Plasma, Saliva, Serum, Urine
Sample Volume	50 μ L
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.156 to 10 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 — C1QA

Entrez GeneID	712
Gene Name	C1QA
Gene Alias	-
Gene Description	complement component 1, q subcomponent, A chain
Omim ID	120550
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. Deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N terminus and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the A-chain polypeptide of human complement subcomponent C1q. [provided by RefSeq]
Other Designations	OTTHUMP00000002936 complement component 1, q subcomponent, alpha polypeptide complement component C1q, A chain

Gene Info — C1QB

Entrez GeneID	713
Gene Name	C1QB
Gene Alias	-
Gene Description	complement component 1, q subcomponent, B chain
Omim ID	120570
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. A deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N terminus and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the B-chain polypeptide of human complement subcomponent C1q [provided by RefSeq]

Other Designations

OTTHUMP00000002940|complement component 1, q subcomponent, beta polypeptide|complement component C1q, B chain|complement subcomponent C1q chain B

Gene Info — C1QC

Entrez GeneID

[714](#)

Gene Name

C1QC

Gene Alias

C1Q-C, C1QG, FLJ27103

Gene Description

complement component 1, q subcomponent, C chain

Omim ID

[120575](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. A deficiency in C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N-terminus, and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the C-chain polypeptide of human complement subcomponent C1q. Alternatively spliced transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000002932|OTTHUMP00000002933|OTTHUMP00000037922|complement C1q subcomponent subunit C|complement component 1, q subcomponent, gamma polypeptide

Publication Reference

- [Systems immunology reveals a linked IgG3-C4 response in patients with acute rheumatic fever.](#)

Chung AW, Ho TK, Hanson-Manful P, Tritscheller S, Raynes JM, Whitcombe AL, Tay ML, McGregor R, Lorenz N, Oliver JR, Gurney JK, Print CG, Wilson NJ, Martin WJ, Williamson DA, Baker MG, Moreland NJ.

Immunology and Cell Biology 2020 Jan; 98(1):12.

Application: Quant, Human, Human plasma

Pathway

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

Disease

- [Amyloid Neuropathies](#)
- [Amyloid Neuropathies](#)
- [Amyloid Neuropathies](#)
- [Birth Weight](#)
- [Birth Weight](#)
- [Birth Weight](#)
- [Bone Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioblastoma](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glioma](#)
- [Glioma](#)
- [Leukemia](#)
- [Leukemia](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Erythematosus](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lupus Nephritis](#)
- [Lupus Nephritis](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)

- [Lymphoma](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningioma](#)
- [Meningioma](#)
- [Neoplasm Metastasis](#)
- [Tobacco Use Disorder](#)