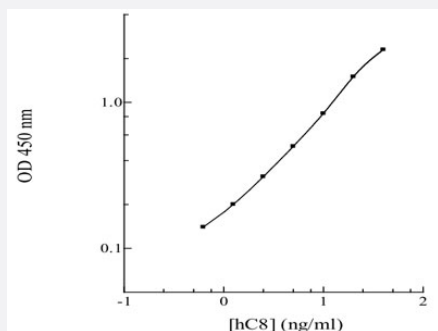


C8 (Human) ELISA Kit

Catalog # KA3814

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	C8 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human C8.
Suitable Sample	Cell Culture, Milk, Plasma, Saliva, Serum
Sample Volume	50 μ L
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	4.7%
Inter-Assay	7.3%
Spiking Recovery	98%
Reactivity	Human
Regulation Status	For research use only (RUO)

Quality Control Testing

Standard curve

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.

Storage Instruction

Store the kit at 4°C. For long term storage, please store at -20°C.

Applications

- Quantification

Gene Info — C8A

Entrez GeneID

[731](#)

Gene Name

C8A

Gene Alias

-

Gene Description

complement component 8, alpha polypeptide

Omim ID

[120950](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

C8 is a component of the complement system and contains three polypeptides, alpha, beta and gamma. This gene encodes the alpha subunit of C8. C8 participates in the formation of the membrane attack complex (MAC). The MAC assembles on bacterial membranes to form a pore, permitting disruption of bacterial membrane organization. Mutations in this gene cause complement C8 alpha-gamma deficiency. [provided by RefSeq]

Other Designations

OTTHUMP00000010016

Gene Info — C8B

Entrez GeneID

[732](#)

Gene Name

C8B

Gene Alias

MGC163447

Gene Description

complement component 8, beta polypeptide

Omim ID

[120960](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

C8 beta is one of the three subunits that comprise the component 8 (C8) of the complement system. C8 participates in the formation of Membrane Attack Complex that results in the lysis of cells. Patients with C8B deficiency are prone to bacteria infection. [provided by RefSeq]

Other Designations

OTTHUMP00000010015

Gene Info — C8G

Entrez GeneID

[733](#)

Gene Name

C8G

Gene Alias

C8C, MGC142186

Gene Description

complement component 8, gamma polypeptide

Omim ID

[120930](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

C8G is one of the three polypeptides that constitute C8, a component of the complement system. C8 participates in the formation of Membrane Attack Complex (MAC). Patients with deficiency in C8 are vulnerable to certain bacteria infection. [provided by RefSeq]

Other Designations

OTTHUMP00000022634

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

- [Birth Weight](#)
- [Birth Weight](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioblastoma](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glioma](#)
- [Glioma](#)
- [Leukemia](#)
- [Leukemia](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningeal Neoplasms](#)

- [Meningioma](#)
- [Meningioma](#)
- [Meningioma](#)
- [Tobacco Use Disorder](#)