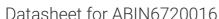
# antibodies -online.com





# **Complement Factor H ELISA Kit**



#### Overview

Quantity:	1 kit
Target:	Complement Factor H (CFH)
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	0.78 ng/mL - 50 ng/mL
Minimum Detection Limit:	0.78 ng/mL
Application:	ELISA

## **Product Details**

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: adrenomedullin binding protein, age related maculopathy susceptibility 1, AHUS 1,

Synonyms: adrenomedullin binding protein, age related maculopathy susceptibility 1, AHUS 1, AHUS 1, AMBP 1, AMBP1, ARMD 4, ARMD4, ARMS 1, ARMS1, beta 1 H globulin, beta 1H, beta1H, CFAH\_HUMAN, CFH, CFHL 3, CFHL3, Complement factor H, complement factor H isoform b, Factor H, factor H like 1, FH, FHL 1, FHL1, H factor 1 (complement)|H factor 1, H factor 2 (complement), HF 1, HF 2, HF, HF1, HF2, HUS, MGC88246

Background: Complement factor H (CFH), originally known as beta-1H globulin, is a serum

glycoprotein that regulates the function of the alternative complement pathway in fluid phase and on cellular surfaces. It binds to C3b, accelerates the decay of the alternative pathway

convertase C3bBb, and also acts as a cofactor for complement factor I, another C3b inhibitor. The CFH gene is located on chromosome 1q32-q32.1 within a cluster of genes encoding the regulatory complement components of the activation of C3 (RCA for 'regulators of complement activation'). This gene cluster includes decay-accelerating factor (DAF), C4-binding protein (C4BPA and C4BPB), and the factor H-related genes CFHR1, CFHR2, CFHR3, CFHR4, and CFHR5, among others. The gene family has arisen by multiple duplication events.

Gene Name: CFH

Production: Natural and recombinant mouse CFH. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: S875-V1252

## **Target Details**

Target:	Complement Factor H (CFH)
Alternative Name:	Complement H - CFH (CFH Products)
Gene ID:	12628
NCBI Accession:	NP_034018
UniProt:	P06909
Pathways:	Complement System, Cellular Response to Molecule of Bacterial Origin

### **Application Details**

Application Notes:	Application No

Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 50 ng/mL, 25 ng/mL, 12.5 ng/mL, 6.25 ng/mL, 3.12 ng/mL, 1.56 ng/mL, 0.78 ng/mL mouse CFH standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. We recommend that each mouse CFH standard solution and each sample is measured in duplicate. Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 0.78 ng/mL-50 ng/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

# Handling

Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at
	room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only
	prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid
	cycles of freezing and thawing.