

Complement Factor H/CFH Polyclonal Antibody(Capture/Detector)

catalog number: AN000540P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

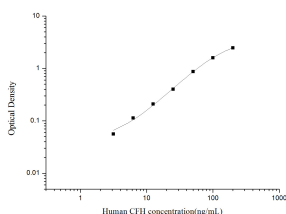
Description

Reactivity	Human
Immunogen	Recombinant Human Complement Factor H/CFH protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Human Complement Factor H/CFH protein standard curve. Background subtracted standard curve using Complement Factor H/CFH antibody(AN000540P)(Capture), Complement Factor H/CFH antibody(AN000540P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Complement Factor H/CFH protein is 3.13-200 ng/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Complement factor H (CFH) is an abundant plasma glycoprotein that regulates the function of the alternative complement pathway in fluid phase and on cellular surfaces. Factor H binds to C3b, accelerates the decay of the alternative pathway C3-convertase (C3bBb) and acts as a cofactor for the factor I-mediated proteolytic inactivation of C3b. It plays a critical role in the homeostasis of the complement system in plasma and in the protection of bystander host cells and tissues from damage by complement activation. Abnormalities in factor H have been associated with renal disease.

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