

Rabbit Complement Factor D (CFD) ELISA Kit-Sandwich

Cat. No.: EK3F126

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Rabbit Complement Factor D (CFD) ELISA Kit-Sandwich is designed for the quantitative determination of Rabbit CFD in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Rabbit CFD
Target Species	Rabbit
Species Reactivity	Rabbit
Detection Range	0.16-10 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Factor D plays a role in the alternative complement pathway of the complement system by cleaving factor B. It is recognized for its contribution to the humoral suppression of infectious agents within this pathway. Additionally, the protein is highly expressed in fat tissue, indicating a potential role for adipose tissue in the biology of the immune system. Rabbits have been used in research examining the complement system, and therefore, CFD's role in the alternative pathway is relevant. Because the complement system is an important part of the immune system, and rabbits are used in immunological research, CFD may be an important research target.

Target/Biomarker	Rabbit CFD
Target Synonym	CF-D; DF; PFD; ADN; Adipsin; Properdin Factor D; C3 convertase activator
Gene ID	138845530

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.