Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human Tissue Factor mAb(DET)

Catalog No.: RM18038

Basic Information

Catalog No.
RM18038

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2μm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

Contact

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Background

This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces, for example, on monocytes. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. Platelets and monocytes have been shown to express this coagulation factor under procoagulatory and proinflammatory stimuli, and a major role in HIV-associated coagulopathy has been described. Platelet-dependent monocyte expression of coagulation factor III has been described to be associated with Coronavirus Disease 2019 (COVID-19) severity and mortality...

Immunogen Information

Immunogen
Recombinant Human TF

Cross-Reactivity

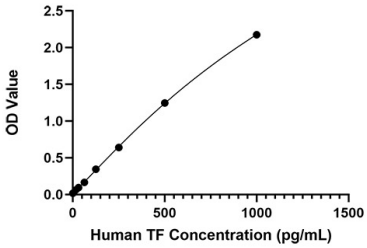
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Assay Applications

Human Tissue Factor Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human Tissue Factor mAb(CAP)(Cat. No.RM18037)
ELISA Detection	0.2-0.005ug/mL	Rabbit anti-Human Tissue Factor mAb(DET)(Cat. No.RM18038)
Standard	15.63-1000pg/mL	Recombinant Human Tissue Factor Protein(Cat. No.RP00112)

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.