

Rat Tissue Factor, F3 ELISA Kit | F3 elisa kit

Rat Tissue Factor, F3 Primacu ELISA Kit

CATALOG #
AAA124310

REACTIVITY
Rat

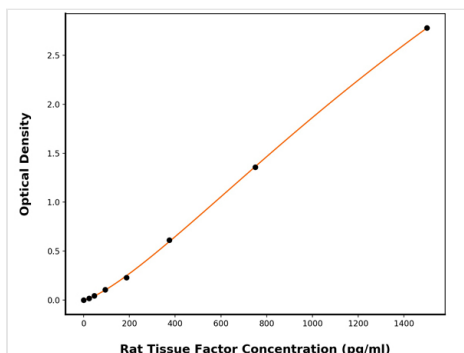
PRODUCT SYNONYMS

Tissue Factor; F3; Rat Tissue Factor; F3 Primacu ELISA Kit; Tissue factor; Cf3; F3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	23.45-1500pg/mL
Sensitivity	7.08pg/mL
Standard Solution	15ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for F3 elisa kit	Tissue factor (TF), also known as coagulation factor III, F3, and CD142, is a single-pass type I membrane protein which belongs to the tissue factor family. Tissue factor is one of the proteins that participate in hemostatic and inflammatory processes. Activated monocytes present in the liver increase expression of tissue factor, and while accumulating in the organ they can intensify inflammation. Tissue factor is the protein that activates the blood clotting system by binding to, and activating, the plasma serine protease, factor VIIa, following vascular injury. Tissue factor is not only the main physiological initiator of normal blood coagulation, but is also important in the natural history of solid malignancies in that it potentiates metastasis and angiogenesis and mediates outside-in signalling. Tissue factor is expressed constitutively by many tissues which are not in contact with blood and by other cells upon injury or activation; the latter include endothelial cells, tissue macrophages, and peripheral blood monocytes. Coagulation Factor III is a transmembrane glycoprotein that localizes the coagulation serine protease factor VII/VIIa (FVII/VIIa) to the cell surface. The primary function of TF is to activate the clotting cascade. The TF:FVIIa complex also activates cells by cleavage of a G-protein coupled receptor called protease-activated receptor 2 (PAR2). TF is expressed by tumor cells and contributes to a variety of pathologic processes, such as thrombosis, metastasis, tumor growth, and tumor angiogenesis. As a key regulator of haemostasis and angiogenesis, it is also involved in the pathology of several diseases, including cardiovascular, inflammatory and neoplastic conditions.
Product Categories/Family for F3 elisa kit	Primacu ELISA Kit; Cardiovascular; Neuroscience

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P42533
Molecular Weight	33444Da
UniProt Protein Name	Tissue factor
UniProt Gene Name	F3
UniProt Synonym Gene Names	Cf3; TF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.