

Datasheet for KOA0828**Mouse Tissue factor - F3 ELISA Kit****Overview**

Description:	Mouse Tissue Factor/F3 AccuSignal ELISA Kit - KOA0828
Item No.:	KOA0828
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	15.6 pg/ml - 1000 pg/ml

Product Details

Background:	Tissue factor, also called platelet tissue factor, factor III, thrombokinase, or CD142 is a protein present in sub endothelial tissue and leukocytes necessary for the initiation of thrombin formation from the zymogene prothrombin. Tissue factor gene was mapped to 1pter-p21 by study of somatic cell hybrids with a species-specific sensitive chromogenic assay. 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.
Synonyms:	CD142, Coagulation factor III, F3, TF, TF_HUMAN, TFA, Thromboplastin, Tissue factor
Detection Kit Type:	ELISA Kit
Detection Range:	15.6 pg/ml - 1000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	F3
Reactivity:	Mouse
Immunogen:	Expression system for standard: NSO; Immunogen sequence: A29-E251
Purity/Specificity:	Natural and recombinant mouse Tissue factor. There is no detectable cross-reactivity with other relevant proteins.
Relevant Links:	• UniProtKB - P20352

- [NCBI - NP_034301.3](#)
- [GeneID - 14066](#)
- [KOA0828 Protocol](#)

Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.2pg/ml, 15.6pg/ml mouse Tissue factor standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum, plasma(heparin, EDTA, citrate) or cell lysates to each empty well.. It is recommended that each mouse Tissue factor standard solution and each sample be measured in duplicate.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
Other:	Detection Range 15.6 pg/ml - 1000 pg/ml DOE: 05/21/2023 @4°C 11/21/2023 @ -20°

Formulation

Concentration:	1 Kit
Anticoagulant:	Heparin Sodium

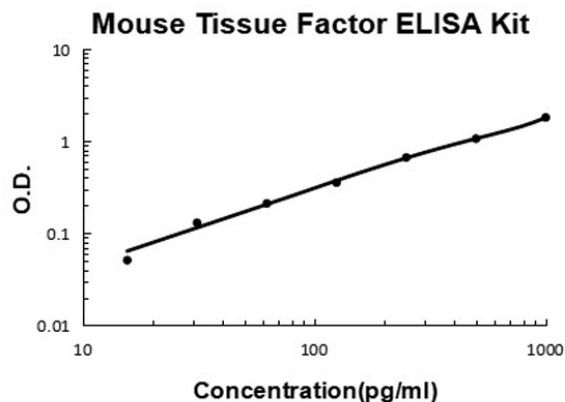
Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	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.
Expiration:	See kit insert for complete instructions.

Images

ELISA

Mouse Tissue Factor/F3 ELISA Kit standard curve.

**Disclaimer**

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.