TF (Human) Chromogenic Activity Assay Kit

Catalog # KA0975 Size 1 Kit

Specification

Product Description	TF (Human) Chromogenic Activity Assay Kit is developed to determine human TF chromogenic activity.
Suitable Sample	Cell Lysate, Plasma,Serum, Tissue, and Urine.
Sample Volume	10 uL
Calibration Range	7.81 to 250 pM
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Functional Study

Gene Info — TF

Entrez GeneID	7018
Gene Name	TF
Gene Alias	DKFZp781D0156, PRO1557, PRO2086
Gene Description	transferrin
Omim ID	190000 209300
Gene Ontology	Hyperlink

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Gene Summary	This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq
Other Designations	-

Publication Reference

- Impaired control of the tissue factor pathway of blood coagulation in systemic lupus erythematosus.

  Adams MJ, Palatinus A, Harvey A, Khalafallah A.

  Lupus 2011 Dec; 20(14):1474.

  Application: Func, Human, Plasma

Disease

- Abortion
- Alzheimer disease
- Anemia
- Anoxia
- Arthritis
- Asthma
- Atherosclerosis
- Birth Weight
- Brain Ischemia
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cognition
- Cognition Disorders

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- Colitis
- Crohn Disease
- Cystic fibrosis
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Edema
- Femur Head Necrosis
- Genetic Predisposition to Disease
- Hemochromatosis
- Iron Metabolism Disorders
- Iron Overload
- Ischemia
- Liver Cirrhosis
- Macular Degeneration
- Metabolic Syndrome X
- Myocardial Infarction
- Neoplasms
- Neurodegenerative Diseases
- Osteonecrosis
- Osteoporosis
- Psychiatric Status Rating Scales
- Recurrence
- Schizophrenia
- Stroke
- Tobacco Use Disorder

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- Tuberculosis

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