TF (Human) ELISA Kit

Catalog # KA0509 Size 1 Kit

Specification

Product Description	TF (Human) ELISA Kit is a competitive enzyme immunoassay for the quantitative measurement of human TF in plasma and serum.
Suitable Sample	Plasma, Serum
Sample Volume	25 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.098 to 25 ug/mL
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

- Quantification

Gene Info — TF

Entrez GeneID	7018
Gene Name	TF
Gene Alias	DKFZp781D0156, PRO1557, PRO2086

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Gene Description	transferrin
Omim ID	190000 209300
Gene Ontology	Hyperlink
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

- Loss of captopril-bound Fe by end-stage renal failure patients during hemodialysis.

  Averbukh Z, Berman S, Kishinevsky E, Feldman L, Cohn M, Rapoport M, Galperin E, Dishi V, Weissgarten J.

  Journal of Nephrology 2004 Jan; 17(1):101.

- Iron deficiency anaemia in Nigerian infants.

  Akinkugbe FM, Ette SI, Durowoju TA.

  Afr J Med Med Sci 1999 Jan; 28(1-2):25.

- Diagnostic efficacy of tests for the detection of iron overload in chronic liver disease.

  Valberg LS, Ghent CN, Lloyd DA, Frei JV, Chamberlain MJ.

  Canadian Medical Association Journal 1978 Aug; 119(3):229.

  Application: Quant, Human, Human serum

Disease

- Abortion
- Alzheimer disease
- Anemia
- Anoxia
- Arthritis

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- Asthma
- Atherosclerosis
- Birth Weight
- Brain Ischemia
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cognition
- Cognition Disorders
- 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

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- Neoplasms
- Neurodegenerative Diseases
- Osteonecrosis
- Osteoporosis
- Psychiatric Status Rating Scales
- Recurrence
- Schizophrenia
- Stroke
- Tobacco Use Disorder
- Tuberculosis

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