



Native Human Transferrin Protein (DAG2426)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Human
Purity	Immunoelectrophoresis (IEP)
Conjugate	Unconjugated
Applications	Suitable for use as antigen or ligand in immunochemical reactions, as a control or standard in assays, for conjugation and most other immunological methods requiring highly purified proteins.
Molecular Weight	~70 kDa for Reduced, ~80 kDa for Non-Reduced
Reconstitution	Reconstitute with 1.0 ml deionized water (or equivalent) to desired concentration.
Format	Lyophilized
Size	10 mg
Buffer	Lyophilized from 0.2 M ammonium bicarbonate.
Preservative	None
Storage	Store at 4°C.

BACKGROUND

Introduction	Human transferrin is encoded by the TF gene and is an iron-binding blood plasma glycoprotein that controls the level of free iron in biological fluids. Human transferrin binds iron very tightly but reversibly. Human transferrin is the most important iron pool in mammals. Human transferrin has a molecular weight of around 80 kDa and contains 2 specific high-affinity Fe(III) binding sites. The affinity of Human transferrin for Fe(III) is extremely high but decreases
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progressively with decreasing pH below neutrality.

Keywords

Beta-1 metal-binding globulin; Serotransferrin; Siderophilin; TF; Transferrin
