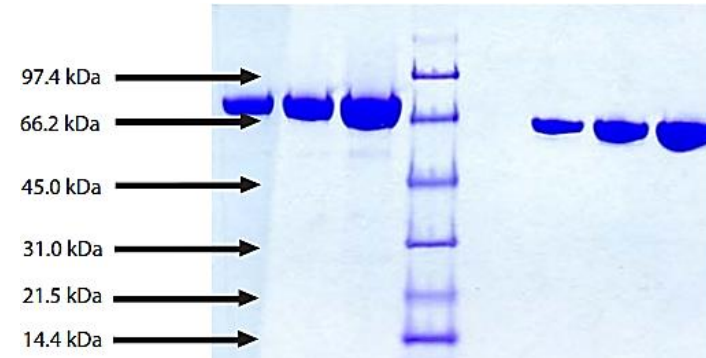


Transferrin, Rat Plasma

CATALOG #:	7543-1000	1 mg
ALTERNATE NAMES:	Transferrin, Siderophilin, TF, DKFZp781D0156, PRO1557, PRO2086	
SOURCE:	Rat Plasma.	
PURITY:	≥ 98% by SDS-PAGE	
MOL. WEIGHT:	80.0 kDa	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 20 mM Na phosphate, pH 7.4 and 150 mM NaCl.	
STORAGE CONDITIONS:	Store at -20°C or lower. Avoid repeated freezing and thawing cycles.	

DESCRIPTION: Transferrin is a monomeric glycoprotein found in plasma at an average concentration of 250 mg/100ml. The specific iron-binding protein in plasma, it has a role in the transportation and distribution of iron among the body organs, in iron metabolism and in prevention of iron loss via the kidney. Stored in bone marrow as TF-bound iron, it also possesses bacteriostatic and fungistatic activity. Clinically, decreases in transferrin are observed in congenital disorders, newborns, inflammatory diseases, hypo-proteinemias and nephritic syndrome; increases are found in pregnancy, iron-deficiency anemias and inoculation hepatitis. Transferrin is required by all types of cells in cultures for maximal growth. It is, therefore, an important factor used in defined culture media.

**Transferrin. Rat Plasma**

4-12% Bis-Tris NuPAGE gel

1. LMW Standard
2. Transferrin - 5 µg (non-reduced / no heat)
3. Transferrin - 10 µg (non-reduced / no heat)
4. Transferrin - 20 µg (non-reduced / no heat)

RELATED PRODUCTS:

- Apotransferrin, Human Plasma (**Cat # 4707-100**)
- Apotransferrin, Mouse Plasma (**Cat # 7540-1000**)
- Apotransferrin, Rat Plasma (**Cat # 7541-1000**)
- Transferrin, Human Plasma (**Cat # 7542-500**)
- Human CellExp™ Transferrin, human recombinant (**Cat # 7467-20, -100**)
- Lactoferrin, Human Milk (**Cat # 7550-10**)
- Lactoferrin, Human Neutrophil (**Cat # 4092-100**)

FOR RESEARCH USE ONLY! Not to be used in humans.