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## Transferrin (HOLO) from Human Plasma

**np001014**

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**Storage:** -20°C. Avoid freeze/thaw cycle.

### Product Description

Transferrin is a monomeric glycoprotein found in plasma at an average concentration of 250 mg/100 ml. 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 prevention of iron loss via the kidneys. 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, hypoproteinemias and nephrotic 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 transport factor used in defined culture media.

Prepared from plasma shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA-required tests.