

Thyroxine Binding Globulin, Human Serum

04/21

CATALOG NO:	P1722-1000 1 mg
ALTERNATE NAMES:	TBG; TBGQTL; SERPINA7; Serpin A7
MOL. WT.	55 kDa
NCBI GENE ID:	6906
ACCESSION NO.:	P05543
PURITY:	≥ 98% by SDS-PAGE
SOURCE:	Human Serum
FORM:	Lyophilized powder
FORMULATION:	Lyophilized from 0.02 M ammonium bicarbonate
RECONSTITUTION:	Reconstitute using phosphate buffer with 0.15 M NaCl, pH > 7.0
STORAGE CONDITIONS:	Store at 4 °C.
DESCRIPTION:	The thyroxine binding globulin (TBG, also known as Serpin A7) is a protein responsible for carrying the thyroid hormones thyroxine and 3,5,3'-triiodothyronine in the bloodstream. Mutations in TBG result in a deficiency in the protein, which leads to hyperthyroxinemia.
INFECTIOUS DISEASE TESTING:	Human donor material was tested and found to be negative for HIV-1 and HIV-2, HBsAg, and HCV by current FDA approved methods.

RELATED PRODUCTS:

Transthyretin (TTR) (Human) ELISA Kit (Cat. No. E4309)
Triiodothyronine (T3) (Human) ELISA Kit (Cat. No. K7423)
Human CellExp™ Transthyretin, Human Recombinant (Cat. No. P1138)
Human Thyroglobulin (Cat. No. P1025)
Thyroxine (T4) (Human) ELISA Kit (Cat. No. K7413)
Human Thyroid Stimulating Hormone (TSH) (Cat. No. P1031)

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