

SERPINA7

Native Human Thyroxine Binding Globulin

Catalog No.	CSI19705A	Quantity:	1 MG
	CSI19705B		3 MG

Alternate Names: T4-binding globulin; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; serpin A7; thyroxin-binding globulin; thyroxine-binding globulin

Description: Human Thyroxine-binding globulin (TBG) is one of three proteins responsible for carrying the thyroid hormones thyroxine (T4) and 3,5,3-triiodothyronine (T3) in the bloodstream, along with transthyretin and albumin.

Human Thyroxine Binding Globulin TBG has the highest affinity for T4 and T3, but is present in the lowest concentration of the three proteins. Despite Human Thyroxine Binding Globulin(s) (TBG) low concentration, Human Thyroxine Binding Globulin (TBG) carries the majority of T4 in serum.

Due to the very low serum concentration of T4 & T3, Thyroxine Binding Globulin TBG is rarely more than 25% saturated with ligand. Unlike transthyretin and albumin, human Thyroxin Binding Globulin (TBG) has a single binding site for T4/T3.

Human Thyroxine Binding Globulin TBG research: Two novel mutations leading to familial partial and complete TBG thyroxine-binding globulin deficiency. human Thyroxin Binding Globulin (human TBG).

Gene ID: 6906

Source: Human Serum

Molecular Weight: 660 kDa

Formulation: Lyophilized

Purity: > 98% pure by SDS Page.

Storage & Stability: Store at 2-4°C. Stable for 1 year from delivery.

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