

## TBG

### Native Human Thyroxine Binding Globulin

<b>Catalog No.</b>	CRT150A	<b>Quantity:</b>	5 mg
	CRT150B		10 mg

**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.

**Source:** Human Serum

**Formulation:** Lyophilized

**Purity:** >70% by SDS-PAGE

**Storage & Stability:** Stable for one year at 2-4°C.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

