

## Thyroglobulin (non rec.) biotinylated

### Antigen Specification

**Product Number: 20200**

**Description:**

Human thyroglobulin (TG).  
Biotinylated natural antigen for in vitro research and manufacturing use only.

**Immunological function:**

Binds IgG-type human auto-antibodies.  
Auto-antibodies to thyroglobulin recognize conformation-dependent epitopes.

**Origin:**

Native. Isolated from human thyroid glands.

**Biochemical tests:**

Electrophoresis (purity > 80%).

**Apparent molecular weight:**

662 kDa (331 kDa per subunit; for protein component).

**Immunological tests/Functionality:**

Functional Streptavidin-based ELISA test (analysis of positive/negative samples).

**Recommended buffer/storage and handling conditions:**

Recommendations for storage buffer: ionic strength around 150 mM, neutral to slightly alkaline pH and 40% sucrose as cryoprotective agent.  
Storage conditions: -70°C or below.  
Repeated freeze/thaw cycles should be avoided.

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