



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet NATIVE BOVINE THYROGLOBULIN

**Catalog No.**  
DS-01-0418

**Species**  
Bovine

## Description

DS-01-0418 is bovine thyroglobulin, a precursor of the iodated thyroid hormones thyroxine (T4) and triiodothyronine (T3) that affect protein, fat and carbohydrate metabolism. Thyroglobulin is produced by thyrocytes within the thyroid gland and is stored within the follicular lumen.

## Formulation

**Product Type:** Purified protein from bovine thyroid glands - liquid

**Concentration:** Total protein concentration 5.0 mg/ml

**Preservative Stabilizer:** None present

## Applications

Table. Summary of antigen applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

## Storage

Store at -20°C only.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. product contain a precipitate we recommend microcentrifugation before use.

**Avoid repeated freezing and thawing as this may denature the protein.**

**Shelf Life:** 18 months from date of shipment.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**