



Human thyroglobulin (Controls grade,>96%) (DAGA-826)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Thyroglobulin (TG) represents one of the main autoantigenic targets in autoimmune thyroid disease of humans. TG is a large globular dimeric glycoprotein with a total molecular weight of 660 kDa, which occupies a key precursor role in the biosynthesis of the thyroid hormones. Approximately 75% of the total protein content of the thyroid follicle consist of TG. TG autoantibodies of IgG type have a prevalence of 80-85% in patients with Hashimoto thyroiditis and also a lower prevalence of 30-80% in patients with Graves' disease.
Species	Human
Purity	>96% by SDS-PAGE
Conjugate	Unconjugated
Applications	Controls, Calibrators & Standards Immunoassays Antibody Production Clinical Chemistry Testing/Assay Validation Life Science ELISA, Blotting, Etc.Tumor Markers
Molecular Weight	660 kDa
Format	Lyophilized
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	phosphate buffer, pH> 7.0 containing 0.15 M sodium chloride.
Preservative	None
Storage	2-8°C

BACKGROUND

Keywords

Thyroglobulin;11764;Ensembl:ENSG00000042832;thyroglobulin;TG;TGN;AITD3
