

Datasheet: 8970-1004

Description:	THYROXINE BINDING GLOBULIN
Name:	THYROXINE BINDING GLOBULIN
Other names:	TBG
Format:	Purified
Product Type:	Purified Protein
Quantity:	1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			
Western Blotting			■	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Product Form	Purified protein from human serum - lyophilized
Reconstitution	Reconstitute with sterile PBS containing 0.15M NaCl. For long term storage the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add sodium azide. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Buffer Solution	Ammonium bicarbonate
Preservative Stabilisers	None present

External Database Links

UniProt:

[P05543](https://www.uniprot.org/entry/P05543) [Related reagents](#)

Entrez Gene:

[6906](https://www.ncbi.nlm.nih.gov/gene/6906) SERPINA7 [Related reagents](#)

Synonyms	TBG
Product Information	Purified Human thyroxine binding globulin is native human thyroxine binding globulin (TBG) purified from serum. TBG is a serpin produced in the liver with high affinity for the thyroid hormones T3 and T4. TBG reversibly binds T3 and T4, enabling their circulation around the bloodstream.
Protein Molecular Weight	55 kDa
Purity	>98% by SDS PAGE
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #10261 available at: 10261: https://www.bio-rad-antibodies.com/uploads/MSDS/10261.pdf Starting material donor tested and found negative for HIV I & II antibodies, Hepatitis B surface antigen, Hepatitis C antibody, Syphilis and HIV antigen
Regulatory	For research purposes only

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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