

## PRODUCT DATA SHEET

### RABBIT THYMUS ACETONE POWDER

**Product Codes**

41008-1  
41008-2  
41008-3

**Pack size:**

5 g  
100 g  
50 g

**Description:**

Thymus glands are collected from rabbits (New Zealand White or California White, 8 – 12 weeks of age, either sex and fasted at the time of slaughter) and frozen on dry ice within 30 minutes of slaughter. Thymus powder is prepared using an acetone dehydration method developed in our laboratory.

**Physical State:**

Off-white/buff colored powder

**Testing:**

Protein concentration: > 20% by Biuret Protein Assay

Ouchterlony: Positive reaction with anti-SSB, anti-RNP, anti-SCL-70, and anti-SM; negative reaction with anti-SSA

Moisture: Report result

**Packaging, shipping/storage:**

**Packaging:**

Polypropylene bottles

**Storage Temperature:**

-10 °C or below

**Shipping Conditions:**

Dry ice

**Expiration:**

Product quality is guaranteed to meet Pel-Freez Biologicals' specifications for 1 year from the date of receipt by the customer as long as the product is stored in accordance with the indicated storage conditions.

**Application Notes:** Reportedly useful in purification of proteins for autoimmune assays.

**References:**

Caponi L., Bombardieri S., and Migliorini P. Anti-ribosomal antibodies bind the Sm proteins D and B/B'. *Clin Exp Immunol* 1998;112:139-143.

Houtman P.M., Kallenberg C.G., Limburg P.C., Huitema M.G., van Rijswijk M.H., The T.H. Quantitation of antibodies to nucleoribonucleoprotein by ELISA: relation between antibody levels and disease activity in patients with connective tissue disease. *Clin Exp Immunol* 1986;62:696-704.



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Pollard K.M. and Tan E.M. Purification of the Sm nuclear autoantigen. Detection and clinical significance of IgM antibody. *Clin Exp Immunol* 1985;60:586-96.