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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 (*Oryctolagus cuniculus*) Breeds: New Zealand White and/or California White, that are 8 – 12 weeks of age, either sex and fasted at the time of slaughter. The tissue is 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.