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PRODUCT DATA SHEET

RABBIT COMPLEMENT, UNADSORBED

Product Codes

31060-1
31060-2
31060-5

Pack size:

100 mL
5 mL
500 mL

Description:

Complement is collected from rabbits (*Oryctolagus cuniculus*) Breeds: New Zealand White and/or California White that are 8-12 weeks of age.

Physical State:

Frozen liquid

Testing:

Hemolytic titer: $\geq 1:16$

Packaging, shipping/storage:

Packaging

5 mL: Glass vial; 100 mL and 500 mL: Polypropylene bottle

Storage Temperature

-70 °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 suitable for HLA -ABC tissue typing /lymphocytotoxic assays. Product is tested for titer. Complement components are extremely heat-sensitive; for best results, thaw complement on ice or in a cold water bath (ideally thaw bottled complement under a stream of cold water, -20C); never thaw using warm or hot water. Single-use aliquots may be made at this time and frozen at -70C. Avoid multiple freeze-thaw cycles. When a working aliquot is thawed, do not re-freeze remaining complement but discard it.

References:

Marilyn S. Pollack³, Socorro D. Heagney³, Philip O. Livingston, and Jørgen Fogh³ "HLA-A,B,C and DR Alloantigen Expression on Forty-Six Cultured Human Tumor Cell Lines," J Natl Cancer Institute, Oxford Journals, Volume 66, Issue 6, pp 1003-1012.



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K.D. Sukumaran, Ong Kian Joo, Division of Immunology, Institute for Medical Research, Kuala Lumpur, "HLA-A and HLA-B antibodies of pregnant mothers in Malaysia," Med.J. Malaysia, Vol 45 No. 2, June 1990.

Songguang Ju, Yibei Zhu, Lin Liu, Shao Dai, Elizabeth Chen, Yukai He, Xueguang Zhang, and Binfeng Lu, University of Pittsburgh School of Med and Inst of Med Biotechnology Soochow University, Peoples Republic of China, "Gadd45b and Gadd45g are important for anti-tumor immune responses," Eur J of Immunology, 2009 November, 39(11), 3010-3018.