PRODUCT DATA SHEET

RABBIT COMPLEMENT, ADSORBED W/HUMAN BUFFY COAT/RBC

Product Codes | Pack size:
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31063-2 | 5 mL
31063-3 | 100 mL

Description:
Complement is collected from 8-12 week old rabbits and stored at -70 °C or below. Complement is then thawed at 2-8 °C, pooled, and adsorbed with human buffy coat/red blood cells (HuRBC) for 30 minutes at 4 °C. Complement is centrifuged, bottled, and frozen at -70 °C or below. The HuRBC are of mixed blood types; all units are tested by FDA approved methods for designated infectious agents.

Physical State:
Frozen liquid

Testing:
Hemolytic titer: ≥ 1:16

Packaging, shipping/storage:
Packaging
5 mL: Glass vial; 100 mL: Polypropylene bottle

Storage Temperature
-70 °C or below

Shipping Conditions
Dry ice

Expiration
3 years from date of manufacture if stored under proper conditions.

Application Notes:
Reportedly suitable for HLA -DR 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, ~20 °C); never thaw using warm or hot water. Single-use aliquots may be made at this time and frozen at -70 °C or below. Avoid multiple freeze-thaw cycles. When a working aliquot is thawed, do not re-freeze remaining complement but discard it.

References:


Rodey GE. HLA Beyond Tears. 2nd ed. Durango, CO: De Novo; 2000.