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PRODUCT DATA SHEET

RABBIT PLASMA NON-STERILE, W/ K₂EDTA, LYOPHILIZED

Product Codes

31144L-0

Pack size:

3 mL

Description:

Whole blood is collected from young healthy rabbits (New Zealand White, 8–12 weeks of age, either sex, and fasted) at the time of slaughter, mixed with 2.5 mL K₂EDTA, then QS to 250 mL with blood. The plasma is separated from the blood cellular components by centrifugation and pooled, bottled and frozen at or below -10 °C. The plasma is thawed, filtered through cheesecloth, aliquoted into glass vials and lyophilized. The product is then stoppered, sealed, boxed, and stored at or below -10 °C prior to shipment.

Physical State:

Lyophilized powder

Testing

Plasma prior to lyophilization:

Total Protein (g/dL): 4.0 – 6.5

Hemolysis (mg/dL): ≤ 20

pH: 7.0 - 8.5

Routine Coagulation: Pass

Lyophilized plasma:

Coagulase: Positive for Staphylococcus aureus (2 Strains); Negative for Staphylococcus epidermidis & Enterobacter aerogenes

Moisture: Report result

Packaging, shipping/storage:

Packaging

Glass vials with rubber stoppers and aluminum crimp-caps

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.



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Application Notes: Coagulase assays, coagulation controls, protein purification.

References:

Gitel S.N., Wessler S., and V.M. Medina. The rabbit as an animal model for the activated factor X-antithrombin III-heparin reaction. *Circ Res* 1977;41:187-191.

Holderbaum D., Spech T., Ehrhart L.A., Keys, T., and Hall G.S. Collagen binding in clinical isolates of *Staphylococcus aureus*. *J Clin Microbiol* 1987;25:2258-2261.