

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 (*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 blood is mixed by taking 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.

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.

P/N: 74127 Rev 02