

BIOLOGICAL PRODUCTS

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Rabbit plasma for coagulase test

PRODUCT

Rabbit plasma prepared from rabbit blood anticoagulated with potassium oxalate.

Blood is collected from healthy adult rabbits by cardiac puncture as approved by the IMVS Animal Ethics Committee. The blood is collected into containers which contain the anticoagulant potassium oxalate (approx. 2 mg/ml) and then centrifuged and the plasma separated. The pooled plasma is 0.2µm filtered and dispensed into vials of nominated volume.

Vials of 2.0mls are frozen and then lyophilised and vials of 10ml are frozen below minus 70°C.

ACTIVITY AND APPLICATION

For use as a reagent for the standard coagulase test for the presumptive identification of *Staphylococcus aureus* bacteria.

This product has been assayed and demonstrates a positive $\geq 3+$ coagulase reaction with *Staphylococcus aureus* (ATCC 25923) and a negative reaction with *Staphylococcus epidermidis* (ATCC 14990).

Australian Standard, food microbiology AS 1766.2.4 - 1994 recommend oxalated or heparinised rabbit plasma for the coagulase test. Citrated plasma may produce clotting in the presence of some citrate utilising bacteria such as *Klebsiella*.

RECONSTITUTION

Reconstitute the lyophilised product with 2.0ml of deionised or distilled water. Gently swirl to speed up re-hydration but avoid vigorous shaking.

Defrost the frozen product.

Reconstituted or thawed serum should be dispensed into small single use vials and stored below minus 20°C.

PACKAGING AND STORAGE

Lyophilised Plasma: Shipped on chill packs. Stable for at least 2 years when stored at 2-8°C.

Frozen Plasma: Shipped on dry ice. Stable for at least 2 years stored at -20°C or longer if stored at -70°C.

CAUTION

This product is for **in vitro laboratory use only**, and must not be used in any therapeutic or test procedures involving humans or animals. Do not ingest and avoid direct contact with plasma. Although this is normal plasma collected from healthy animals, the usual safety precautions when handling material of biological origin should be followed. All materials should be considered to be potentially infectious and handled and disposed of with proper precautions.



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