

New World Camelid Alpaca (A), Llama (L), Vicuna (V), Guanaco (G) Frozen Plasma (FP)

For animal treatment only



Presentation:

New World Camelid Frozen Plasma (FP) is plasma which has been separated from whole blood and frozen within 21 days of whole blood collection. It contains plasma proteins including albumin and immunoglobulins and clotting factors II, VII, IX and X.

One Standard Unit is approximately 300ml: One Half Unit is approximately 150ml. These contain Frozen Plasma in CPD anticoagulant.

Uses:

Frozen Plasma is indicated for the treatment of Immunoglobulin-deficient youngstock. It can also be considered for specific coagulation factor deficiencies (including anticoagulant toxicities) and protein deficiencies.

Dosage and Administration:

Frozen Plasma is intended for intravenous use only.

Dosage: The standard recommended dose range for initial treatment of immunoglobulin deficiency is 15-30ml/kg - average - 20ml/kg. Every patient should be monitored as to their individual response and the required dose may need to be more or less than this standard dose range. Patients should continue to be treated until appropriate resolution of clinical signs.

Rate of Administration: The calculated dose should be given within 4 hours to normovolaemic patients. Transfusion should be started slowly (1-2ml/kg/hr for the first 15 minutes) and the patient monitored for any signs of reaction. Standard suggested practical dose rates after the initial close monitoring period is over is 20ml/kg/hr. Hypovolaemic patients may tolerate or require transfusion more rapidly.

Administration: Frozen Plasma packs once thawed and breached for use must be used within 4 hours and any product remaining after this time discarded.

Always administer using a blood product administration set or suitable inline blood filter. Frozen Plasma needs to be thawed to room temperature before administration. Do not mix or administer any other intravenous drugs or products through the same IV line. 0.9% saline ONLY can be used to flush IV lines and catheter.

Monitoring: The infusion should be commenced slowly and the patient monitored closely (see adverse reactions). It is recommended that patients be monitored using a transfusion record form, available to download from the Pet Blood Bank website.

Precautions, Warnings and Adverse Reactions:

New World Camelid Frozen Plasma should be used in young and adult species specific stock only.
Use within the named herd only.
Not for use in camelids destined for the food chain.

Precautions: Inspect before use. If you have any concerns please contact Pet Blood Bank for further advice.

Handling Precautions: In case of accidental contact with skin, wash affected areas thoroughly with warm soapy water. Unused product and empty pack should be discarded and disposed of as clinical waste.

Warning: Care should be taken to avoid volume overload.

Adverse Reactions to Frozen Plasma:

Acute and delayed, immunological and non-immunological transfusion reactions can occur with products of this type. These can manifest a variety of clinical signs. If during the transfusion, tachycardia, increased temperature, hyperventilation, facial oedema or trembling occurs slow the transfusion down. Categorise the type of reaction and treat appropriately. Should serious symptoms continue the transfusion should be abandoned.

Delayed reactions can occur days to weeks post transfusion. All potential transfusion reactions should be reported immediately using a potential transfusion reaction form, available to download from the Pet Blood Bank website.

Storage: Frozen Plasma must be stored at -18°C or below in a dedicated compartment or storage container. A chest freezer is preferred due to the improved temperature stability offered. Freezers with a defrost cycle must not be used. Continual temperature monitoring of the storage area must be performed (max/min temperature monitor)

Leakage: If leakage becomes apparent the entire pack must be discarded.

Shelf Life: Frozen Plasma has a shelf life of 5 years from date of collection. The product label indicates the expiry date. Blood products must not be administered to a patient after their expiry date. Once expired they should be discarded into clinical waste.

Warming: Remove carefully from the freezer & protective packaging, as the pack becomes quite brittle when frozen and may easily crack or be otherwise damaged through rough handling. To prepare for administration passive warming at room temperature is recommended. Where active warming is required do NOT use a microwave oven. Place in a waterproof zip lock bag and immerse the bag in a water bath of not more than 37°C .

Non-Food Animal Blood Bank Authorisation: No. Abb30549/8000

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