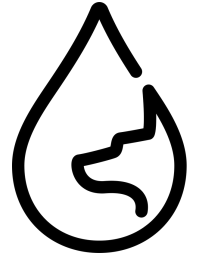


CANADIAN ANIMAL BLOOD BANK

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PLATELET CONCENTRATE

Platelet concentrate is made from 450 ml of whole blood collected in the anticoagulant Citrate Phosphate Dextrose Adenine (CPDA-1). The buffy coat layer, including white cells and platelets, is removed within 6 hours of collection. Shelf life is 7 days from collection date when stored at room temperature on a rocking surface. Platelet concentrate normally contains some red blood cells.

Product Numbers

PLT Volume of 50 - 60 ml

Indications for use

- Thrombocytopenia

Dosage / Rate of Transfusion Guideline

- Recommended dose of 1 unit / 10 kg body weight, may need to be repeated based on the cause of thrombocytopenia
- Assess platelet count 2 hours after transfusion

Preparation

- Check expiration date
- Examine unit for any discoloration or contamination
- Open one port and insert spike from filter set. Recommended filter size is 80 µm
- Units may be pooled if desired

Precautions

- Do not use the unit if it is past the expiration date or has any signs of discoloration or contamination
- Always use a filter set
- Use the unit within 4 hours of opening the port. Discard any unused portion to biohazardous waste
- Never run or mix IV medications, colloids, Ringer's lactate in the same IV line

Importance of Transfusion Monitoring

- A transfusion reaction may occur and while often mild, it may be life-threatening. It is crucial to monitor your patient throughout the transfusion for signs of a transfusion reaction.