

CAMELPLAS®



Product Information

Higher antibody levels improve immunity and promote faster healing.

When a camel's future is in your hands, what's in your freezer matters.

CAMELID PLASMA

Camelplas®

Camelplas is collected from camels that have a much higher content of gamma globulins and antibodies in their plasma than normal camels, with a minimum IgG level of 15g/L. Donors run in a closed, quarantined herd and have been tested negative for Johnes Disease, Enzootic Bovine Leucosis, Blue Tongue, and Bovine Viral Diarrhoea Virus (Pestivirus).
Supplied under APVMA permit.

Camelplas® has been proven to be completely safe and efficacious in other camelids such as Alpacas and Llamas.

Camelplas® is an aid in increasing the gamma globulin level (in the blood) of cria, especially in cases of Failure of Passive Transfer.

INDICATIONS

Failure of Passive Transfer, when there is Hypogammaglobulinaemia, and other conditions where it is desirable to increase the gamma globulin level in the blood of camelid neonates. Veterinary medicine has shown that gamma globulins would be a strongly indicated supportive therapy in the range of conditions, such as diarrhoea,

colitis, renal conditions and any active infections, where there is destruction of gamma globulins

DOSAGE

20-30mL/kg. If required, such as in cases where there is an ongoing depletion of gamma globulins, this dose may be repeated daily, while an attempt is made to treat the primary disease condition. Dosage should be based on systemic IgG levels of the recipient, verified by immunodiffusion or equivalent testing before and after administration, or upon experience resulting from past testing in similar circumstances.

ADMINISTRATION

In camelid neonates less than twelve hours old, where FPT is predicted, Camelplas® can be given orally. Once the camelid neonate is older than twelve hours, Camelplas® must be given systemically either intravenously or intraperitoneally. Camelplas® must be administered through a blood giving set with a 200µm filter in the drip chamber.

Camelplas® should be administered at a rate of 2mL/kg/hr for the first 10 minutes, and then may be increased to a rate of 20-30mL/kg/hr. A second bag should only be given 2-4 hours later.

During I/V administration, an attempt should be made to avoid volume overload. Complications of I/V administration are very infrequent, but may include mild reactions such as trembling and tachypnoea. If these symptoms become severe or progress to sweating and excessive shaking, it is advisable to slow the rate of

administration or to stop and restart in 10-15 minutes. If symptoms recur or persist, discontinue administration.

THAWING

Thaw Camelplas® using only water at 40°C as plasma can be damaged by thawing in a microwave or excessively hot water.

Do not refreeze thawed Camelplas®. Thawed product must be used within 21 days, and kept refrigerated at 8°C.

RESTRAINTS

Camelplas® contains no preservatives, is not pasteurised and is frozen immediately after collection.

Camelplas® is only for sale to, and can only be administered by or under the supervision of a registered Veterinary Surgeon in Australia.

The transmission of viral diseases is possible with the administration of any blood product, as is the development of serum sickness, but these are rare occurrences in camelids.

IMPORTANT: Do not mix with any other substance. Do not transfer to another container.





CAMELPLAS, OR YOUR OWN PLASMA MADE ON THE STUD?

When comparing Camelplas® and plasma made on the stud (by sedimentation or low-speed centrifugation method), the following points must be made:

CAMELPLAS

Other Plasma

Is the donor in good health at the time of collection?	YES	UNKNOWN
Is the donor free of viral illness?	YES	UNKNOWN
Is the plasma tested and found free of any blood cells?	YES	NO
Is there a guaranteed high potency?.....	YES	NO
Is the plasma tested for sterility?	YES	NO
Is it protected by APVMA Permit?	YES	NO
Is the donor run in a quarantined situation?	YES	NO

EXPIRY

Camelplas® has an Expiry Date of 36 months from the date of production.

PURITY & SAFETY

It is several weeks before Plasmavacc completes its extensive Quality Control programme on each and every batch of Camelplas®, and only then is it released for sale. Transfusion with other plasma, with little or no Quality Control, may be worse than using no plasma at all. Some of the untoward sequelae of using fresh plasma are:

- Transmission of disease
- Not transfusing enough gamma globulins by using plasma with an unknown (low) potency
- Transfusion reactions/haemolysis/serum sickness/jaundice due to presence of red cell contamination, or antibodies to other blood groups

Camelplas® is produced using the exact same protocol and technology as are used for the Equiplas® Equine Gamma Globulins, produced by Plasmavacc Pty Ltd since 1997.

STORAGE

Store below -5°C (freeze).

HANDLING

Frozen bags of plasma are very easy to break. Do not drop. Do not handle transfusion ports before thawing, as they may break off! Place bags in thawing water as soon as they are unwrapped.

As Camelplas® will often be needed urgently, and freight to some practices will take as long as two days, we suggest that the veterinarian retain some frozen stock. The Australian Pesticides and Veterinary Medicines Authority (APVMA) approved shelf life for Camelplas® is 36 months in a frozen state.

