



# CANIPLAS®

## FRESH FROZEN CANINE PLASMA

**Active Constituent:** 10g/L Canine Gamma Globulins

Also contains 3-4g/L Trisodium Citrate as an anticoagulant.

**INDICATIONS:** May aid in the treatment of various conditions in dogs in which the administration of fresh frozen plasma would be considered desirable, e.g. severe Pancreatitis, Parvovirus enteritis, Coagulopathies, hypoproteinaemia, major tissue trauma or surgery, and Disseminated Intravascular Coagulation (DIC).

### DIRECTIONS FOR USE

#### RESTRAINTS

To be used by, or under the supervision of, a registered veterinary surgeon. This product is frozen immediately after collection and is not pasteurized. The transmission of blood borne diseases is possible with the administration of any blood product, as is the development of serum sickness, but these are rare occurrences, in the canidae, with properly screened donor dogs. Do not mix with any other substance. Do not transfer to another container. Administer through a blood administration set containing a filter. Avoid volume overload. Complications are very infrequent but may include mild reactions such as tachypnoea, tachycardia, restlessness and trembling. If these symptoms become severe, it is advisable to slow the rate of administration or to stop and restart in 5-10 minutes. If symptoms recur or persist, discontinue administration.

#### DOSAGE AND ADMINISTRATION

Thaw frozen plasma, using only warm water at 40°C as thawing in microwaves or excessively hot water can damage plasma. Warm to body temperature. Dosage is based on the body weight and/or systemic immunoglobulin G levels of the plasma recipient, verified by previous clinical experience, or by immunodiffusion or equivalent testing before and after administration, or upon experience resulting from past testing and treatment in similar circumstances. This amounts to approximately 1 bag (200mL) per 20Kg dog. Administer by SLOW intravenous infusion (5-10mL/Kg BW per hour) using a blood administration set, containing a filter. Avoid volume overload.

#### GENERAL INSTRUCTIONS

As with all plasma products, this product contains an anticoagulant. However it contains no preservatives and donor dogs have been screened to be suitable as plasma donors. Keep plasma frozen until required.

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#### STORAGE

Store below -5°C (Freeze). Do not refreeze thawed product. Store thawed product under refrigeration at 8°C. The half life of gamma globulins after thawing of Caniplas® is 21 days at 8°C. Thawed product should be used within 7 days.

#### SAFETY

No studies have been performed on the safety of the product in neonates, or its effects on reproductive performance, or administration at more than the recommended dose. Animals, which have previously been treated with blood or plasma products, or which have a history of Atopy, are more likely to exhibit hypersensitivity reactions following plasma transfusions. Parenteral pre-administration of antihistamines may be useful in reducing the severity of these reactions, should they occur. Minor cross-matching (recipient

erythrocytes + Caniplas®) should be considered for animals with a history of receiving blood or plasma products. Exceeding the recommended rate of administration may result in signs consistent with Fluid Overload, such as tachycardia, restlessness and dyspnoea. Administration of Caniplas® without adequate filtration may result in signs consistent with Pulmonary Embolism, such as acute dyspnoea, cyanosis and acute distress. Administration of inadequately warmed Caniplas® may result in hypothermia. Pyrexia associated with administration of the product may indicate platelet incompatibility. Prolonged, immune-mediated Thrombocytopenia is a rare sequel to administration of products containing platelets, and is usually self-limiting after a few months. Administration of product containing citrate to animals with compromised hepatic function may result in signs consistent with citrate toxicity and resultant hypocalcaemia, tachycardia, trembling, and weakness. This product is not sourced from SPF animals. Donor dogs are vaccinated against Canine Distemper Virus, Canine Adenovirus 1, Canine Parvovirus, Canine Parainfluenza Virus, Bordetella bronchiseptica and E. coli endotoxin. The plasma is sourced from adult animals that are clinically healthy, thus lowering the risk of disease transmission.

#### RESIDUE DATA/WITHHOLDING PERIOD

As this product is not intended for use in food-producing species, a withholding period is not applicable.

#### PRECAUTIONARY ADVICE

Refer to Safety section.

#### CONTRAINDICATIONS

History of previous hypersensitivity reactions following blood or plasma product administration. History of compromised hepatic function.

#### SIDE EFFECTS

Refer to Safety section.

#### INCOMPATIBILITIES

No product incompatibilities have been identified.

#### OCCUPATIONAL HEALTH AND SAFETY

Vaccination of donor dogs does not protect against viraemia and virus excretion – only against clinical disease. Further, the majority of canine vaccines are live virus vaccines. Therefore, canine viruses may be present in this product; however, the hazard posed to persons handling the formulation would be equivalent to that posed by handling healthy, vaccinated dogs.

#### DISPOSAL

Disposal of empty containers, outer packaging or expired product by wrapping with paper and putting in garbage. Discarded needles should be immediately placed in a designated "sharps" container. The container should be of a type to reduce the possibility of injury to handlers during collection and disposal. Incineration is the preferred method of disposal; otherwise "sharps" should be buried at a suitable site, away from watercourses.

NRA APPROVAL NUMBER 56329

#### PLASVACC

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#### To order

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**PLASVACC**  
FOR LIFE





## CANIPLAS FRESH FROZEN CANINE PLASMA OR “HOME MADE” CANINE PLASMA?

There are some very important differences between Caniplas® and “home made” canine plasma – that is, plasma produced by a bag spinner, either from an outpatient blood donor or another source.

	CANIPLAS	Other plasma
Is the donor in good health at the time of collection? _____	YES	UNKNOWN
Is the donor free of any Viral Illness? _____	YES	UNKNOWN
Does the donor qualify as a “Universal Plasma Donor”? _____	YES	UNKNOWN
Is the plasma tested and found free of any blood cells? _____	YES	NO
Is there a guaranteed concentration of Gamma Globulins? _____	YES	NO
Is every bag of uniform GG concentration? _____	YES	NO
Is the plasma tested for sterility? _____	YES	NO
Are you protected against litigation, because the plasma is registered with the NRA? _____	YES	NO
Are the clotting factors intact? _____	YES	UNKNOWN
Is the plasma immediately available, delivered to your surgery door by your wholesaler? _____	YES	NO
Has the donor dog NEVER before received a blood transfusion? _____	NO	UNKNOWN

Caniplas® is produced from our own closed kennel of quarantined, hyperimmunized donor dogs, and is the first plasma product to be registered with the NRA in Australia. In fact, it’s the first to be registered with a regulatory authority anywhere in the world.

Plasvacc has been producing NRA Registered Hyperimmune Plasma for veterinarians in Australia and New Zealand since 1996, for use in horses and alpacas, without a single Adverse Experience to Treatment.

### REMEMBER

Plasvacc applies an extensive Quality Control programme to every batch of Caniplas® Fresh Frozen Canine Plasma – 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 other plasma are:

- Acute Haemolytic (Blood) Transfusion Reaction, Haemolysis, Serum Sickness, Jaundice
- Thrombocytopenia
- Acute Hypersensitivity Reactions
- Transmission of disease (especially Viral Disease)
- Sensitization of the recipient patient to the blood group of the donor dog
- Not transfusing enough GG, by using plasma of unknown (low) concentration
- Not transfusing enough Clotting Factors, by using plasma which may not have been frozen rapidly enough, and therefore is of unknown (low) content

Any or all of which could possibly lead to litigation! Use the only canine plasma available in Australia which has the assurance and protection of registration with the NRA!

### PLEASE NOTE

Frozen bags of plasma are very easy to break. Do not drop. Do not handle transfusion ports before thawing, as they may fracture. Claims made on bags that break during transit cannot be considered unless the (empty) broken bag is returned to Plasvacc for inspection. Place bags in thawing water bath as soon as removed from the tamper-proof box. As Caniplas® will often be needed urgently, and delivery from the wholesaler to some practices may occasionally take as long as 2 days, we suggest that some stock be retained in your freezer. Caniplas® has an approved shelf life of 2½ years.