

HYPERMUNE™

HYPERMUNE™-RE



HYPERMUNE™ and HYPERMUNE™-RE Equine Plasma

Higher antibody levels improve immunity and promote faster healing. When a horse's future is in your hands, what's in your freezer matters.

EQUINE PLASMA PRODUCTS

HYPERMUNE™

For the treatment of failure of passive transfer (FPT) in the equine neonate and hypoproteinemia in horses of any age. Minimum IgG level of 24g/dL. One bag will increase a foal's circulating IgG level after 24 hours. *Available in 1L bags. VMD licensed.*

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Aids in the management and control of respiratory disease associated with *Rhodococcus equi*, including foal pneumonia. The timing of administration is critical. A single initial dose is recommended for foals at birth 24 hours of age and a second dose should be administered about 21 days later. *Available in 1L bags. VMD licensed.*



IMPORTANT: The dose required is one litre for a 50 kg foal (and pro rata, i.e. 20ml per kg). HYPERMUNE plasma products may be administered to foals from 24 hours to 6 days of age where it has been shown after testing that they have low levels of serum IgG. A blood sample should be collected from the foal approximately 24 hours later and re-tested for the level of serum IgG. If this is still low, a further dose may be administered.

ADMINISTRATION

Plasma should be thawed immediately prior to administration. Place the bag into warm water at 40°C.

IMPORTANT: Thawing in water that is too hot—above 45°C—can easily denature proteins and cause fibrinogen to precipitate. Plasma must be warmed to body temperature to minimise the presence of cryoprecipitates. Mix well and administer directly from the bag. Nothing should be added to the contents of the bag, and the plasma must not be removed from the bag and placed into another receptacle. Activation of platelets and clotting factors can occur when plasma comes into contact with glass.

DO NOT DILUTE WITH SALINE.

Small amounts of fibrin are occasionally seen in the plasma when it is thawed.

IMPORTANT: If you have any concerns whatsoever, please give us a call.

Our Technical Support team includes licensed Veterinarians who are available to assist you and are ready to answer any questions you may have 24 hours a day, 7 days a week, 365 days a year.

Foals tolerate transfusions well if mildly sedated, and the skin over their jugular vein is anaesthetised before introduction of the catheter. In most cases, 1000ml of plasma can safely be given to a foal in 15–20 minutes. A 16g x 2" catheter is suitable for foals, while a larger catheter can be used in adults. Always administer through a 200 micron filtered blood giving set to ensure that small fibrin clots do not enter the body. Sets are available for sale.

STORAGE

Plasma Products

Store frozen up to 2 years at -20°C to -30°C until required. Once thawed, the IgG is stable for at least 7 days if kept refrigerated at 4°C. Re-freezing plasma that has been warmed to body temperature is not recommended.