

# PRODUCT FACT SHEET

## WHAT IS DARBE-500?

DARBE-500 is Darbepoetin Alfa Variant that promotes the formation of red blood cells by the bone marrow.

The kidney cells that make erythropoietin are sensitive to low oxygen levels in the blood that travels through the kidney. These cells make and release erythropoietin when the oxygen level is too low. A low oxygen level may indicate a diminished number of red blood cells (anaemia), or haemoglobin molecules that carry oxygen through the body. DARBE-500 will boost red blood cells to combat anaemia and ensure maximum performance

## HOW DOES IT WORK?

DARBE-500 stimulates the bone marrow to produce more red blood cells. The resulting rise in red cells increases the oxygen-carrying capacity of the blood.

As the prime regulator of red cell production, DARBE-500's major functions are to:

- Promote the development of red blood cells.
- Initiate the synthesis of haemoglobin, the molecule within red blood cells that transports oxygen.

## WHY USE?

Use of DARBE-500 offers a means to increase arterial/blood oxygen content, which in turn leads to an increase in maximal oxygen uptake. Endurance horses stand to benefit most from an increase in maximal oxygen uptake as this is one of the limiting factors for performance.

## SIZE

Available in 5ml vials.

## INGREDIENTS

Darbepoetin Alfa Variant 100mcg/mL

## ADMINISTRATION AND DOSAGE

Give 1ml intravenously or subcutaneously every week for 5 weeks, if racing within that period treat 5 days before competition.

## STORAGE

Refrigerated.

Store between 3-8 degrees C.