



PRODUCT DATA SHEET



VITAL E[®]-NEWBORN

INJECTABLE FAT-SOLUBLE VITAMINS E, A and D FOR NEONATES

(500 I.U. vitamin E, 50,000 I.U. vitamin A and 50,000 I.U. vitamin D₃ per mL)

NDC 59007-1061-1

DESCRIPTION

Each ml contains: 500 International Units (I.U.) vitamin E (as d-*alpha*-tocopherol) 50,000 I.U. vitamin A (as retinyl-palmitate) and 50,000 I.U. vitamin D₃ compounded with 18% ethyl alcohol and 1% benzyl alcohol (preservative) in an emulsifiable base.

Supplied in 250 ml multi-dose amber glass vials.

INDICATIONS

VITAL E-NEWBORN is a clear, sterile, non-aqueous solution of vitamins E, A and D. This product is intended as a supplemental source of vitamin E, vitamin A and vitamin D for newborn calves, lambs and pigs.

Newborns depend on colostrum and milk to provide adequate vitamin E and vitamin A, provided the dam has received adequate levels during gestation. For vitamin D, neonates depend upon placental transfer to meet their needs since colostrum and milk contain very low levels of vitamin D. A reduced vitamin E, vitamin A and vitamin D intake can result in marginal deficiencies that may not be visible. Intramuscular or subcutaneous injection offers an efficient and rapid method to increase the status of these critically important vitamins for neonates.

VITAL E-NEWBORN contains two-thirds more vitamin E, one-half the amount of vitamin A and 5 times more vitamin D compared to **VITAL E-A+D**.

VITAL E-NEWBORN – 500 I.U. vitamin E, 50,000 I.U. vitamin A and 50,000 I.U. vitamin D per mL.

VITAL E-A+D – 300 I.U. vitamin E, 100,000 I.U. vitamin A and 10,000 I.U. vitamin D per mL.

ADMINISTRATION

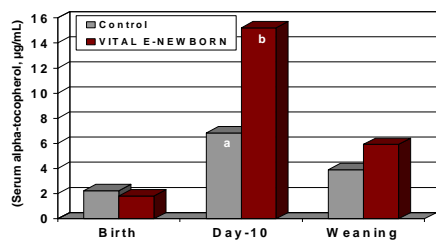
Intramuscular or Subcutaneous Administration Only. May be repeated as needed.

SUGGESTED DOSE AT BIRTH

	<u>mL</u>
Calves (Beef and Dairy)	3-5
Lambs	1-2
Piglets	
At birth	½
At weaning	1

EFFICACY STUDY - PIGS

Serum alpha-tocopherol (µg/mL) in pigs injected with VITAL E-NEWBORN at birth



Serum 25-OH-D₃ (ng/mL) in pigs injected with VITAL E-NEWBORN at birth

