



THE KENYA VETERINARY VACCINES PRODUCTION INSTITUTE

RIFTVAX TM

Live Attenuated Rift Valley Fever Virus Vaccine

COMPOSITION

RIFTVAX™ is a freeze-dried live attenuated Rift Valley Fever vaccine prepared from Smithburn's attenuated strain of RVF virus. The diluent is used to re-hydrate the freeze-dried component.

PROPERTIES

Rift Valley Fever Virus is the aetiological agent of a peracute or acute zoonotic disease of domestic ruminants. The disease is caused by a single serotype of the mosquito-borne bunyavirus of the genus Phlebovirus and occurs in climatic conditions favoring the breeding of mosquito vectors. It is characterized by liver damage and is most severe in sheep, goats and cattle, in which it produces abortions in pregnant animals and a high mortality rate in the newborn. Older non-pregnant animals, although susceptible to infection, are more resistant to clinical disease. Humans are susceptible to infection by handling infected material and through transmission by mosquito vectors. RIFTVAX™ has proved itself, with more than 35 years of successful use all over Africa and the Middle East, as a safe and efficient means of preventing RVF virus infections in cattle, sheep, and goats.

INDICATIONS

For the active immunisation of healthy cattle, sheep, and goats against Rift Valley Fever.

DOSAGE AND ADMINISTRATION

Reconstitute each vial with the corresponding sterile diluent. Keep the reconstituted vaccine cool and protected from sunlight. Take reasonable aseptic precautions in reconstituting and withdrawing the vaccine. Administer via the subcutaneous route to animals of all ages at the rate of 2ml for cattle and 1ml for sheep and goats. Annual revaccination is recommended and should be carried out at least one month before the seasons when outbreaks of the disease are expected.

CONTRA-INDICATIONS, WARNINGS

For Veterinary use only. Do not use if seal is broken or package is damaged. Do not vaccinate un-healthy animals. Abortions may occur in some pregnant animals following vaccination. All vaccines may occasionally cause anaphylactic reactions in some animals. If this occurs adrenaline should be administered. Rift Valley Fever is infectious to humans (zoonosis) and therefore the vaccine must be handled with care.

STORAGE

Store at -20°C. (Freezer). Under these conditions, the shelf life is 2 years. If stored at between +2°C and +8°C (refrigerator) the shelf life is one month. Once the vaccine has been reconstituted, it must be used immediately and any remaining quantity discarded.

PRESENTATION

100 dose vials packed together with the corresponding diluent.