



THE KENYA VETERINARY VACCINES PRODUCTION INSTITUTE

LUMPIVAX TM

Live Attenuated Lumpy Skin Disease Virus Vaccine

COMPOSITION

LUMPIVAXTM is a freeze-dried, live attenuated Lumpy skin disease viral vaccine prepared from the Neethling strain of the virus. The diluent is used to re-hydrate the freeze-dried component.

PROPERTIES

Lumpy skin disease is a poxvirus disease of cattle characterised by fever, nodules on the skin and mucous membranes of internal organs, emaciation, enlarged lymph nodes, oedema of the skin, and sometimes death. The disease is of economic importance because it causes reduced production, particularly in dairy herds, and damage to the hide. LSD is caused by strains of capripox virus that are antigenically indistinguishable from strains causing sheep and goat pox. However the cattle strains of capripox do not infect and transmit between sheep and goats as shown by the different geographical distribution between LSD and sheep / goat pox. Transmission of Lumpy Skin Disease is predominantly by insects and until 1988 the disease was confined to sub-Saharan Africa but then it spread into Egypt.

INDICATIONS

For the active immunization of healthy cattle against Lumpy skin disease.

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 at the pre-scapular region to animals of all ages at the rate of 2ml per animal. Annual revaccination is recommended.

CONTRA-INDICATIONS, WARNINGS

For Veterinary use only. Do not use if seal is broken or package is damaged. Do not vaccinate un-healthy animals. Avoid contact between sheep and vaccinated cattle for at least three weeks after vaccination. All vaccines may occasionally cause anaphylactic reactions in some animals. If this occurs adrenaline should be administered.

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

50-, 100-, and 150-dose vials packed together with the corresponding diluent