



**SHCHELKOVO
BIOCOMBINAT**

Creating a healthy future!

**VACCINE AGAINST
FOOT-AND-MOUTH
DISEASE**



Cultural monovalent and polyvalent
emulsified inactivated vaccine
against foot-and-mouth disease

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Cultural monovalent and polyvalent emulsified inactivated vaccine against foot-and-mouth disease

Purpose

The vaccine is intended for immunization of cattle, buffaloes, sheep, goats, camels, deer, swine against FMD caused by the virus of A, O, and Asia-1 types.

Description and characteristic

In appearance the vaccine looks like a white or light-grey emulsion, which is stratified during storage with a slight separation of oil base at the top part of the emulsion is easily turned into homogenous matter at shaking. The vaccine is manufactured from the inactivated by asaridine derivatives FMD virus of the Master seed strains of one or more types A, O, Asia-1 reproduced in the BHK-21 cell culture and emulsified with an oil adjuvant.

Method of vaccination

In the threatened area, as well as in households where the vaccine was not used previously, all animals were vaccinated from the age of one day with are revaccinated through 6 months. Young animals (calves, lambs, etc.) obtained from immunized animals should be vaccinated in the following manner: lambs - beginning at 1.5 months old, calves - beginning at 4 months old, on one occasion and revaccination is carried out every 6 months. At unfavorable sites, all susceptible animals should be vaccinated beginning at one month old two times with an interval of 5-15 days and subsequent revaccination carried out every 6 months.

Animals are vaccinated in the following doses:

- cattle, buffaloes, camels, deer, swine are inoculated subcutaneously - 2 cm³
- small cattle is inoculated subcutaneously - 1 cm³

Immune response

Immunity toward the pathogen FMD virus is formed in 21 days after the vaccination and lasts up to 6 months.

Production form

The vaccine is packaged into 4-450 cm³ bottles of suitable capacity.

Storage and transportation conditions

The vaccine is stored and transported in a dry dark place at a temperature from of 2 to 8°C. It is allowed to transport and store the vaccine at a temperature not higher than 20°C for 5 days. Do not freeze the vaccine! Shelf life - 18 months.

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