

ENCEFAL-VAC

FREEZE-DRIED LIVE VACCINE AGAINST AVIAN ENCEPHALOMYELITIS

CHARACTERISTICS

ENCEFAL-VAC is prepared using the Calnek 1143 strain of the Avian Encephalomyelitis virus, cultured on embryonated SPF eggs, freeze-dried and vacuum-sealed. The Calnek 1143 strain, slightly attenuated, but with high enterotropism, is commonly used against Encephalomyelitis in view of its high immunogenic potency.

COMPOSITION

1 dose of vaccine contains: not less than 10^3 EID₅₀

INDICATIONS

Vaccinal prophylaxis of Avian Encephalomyelitis of future layers and parents.

ADMINISTRATION AND DOSAGE

The contents of the vial is dissolved in a small quantity of water, then poured into the amount of drinking water considered necessary for uniform administration to a number of animals equal to the number of doses stated on the label. Carefully mix the vaccinal water before distribution.

The amount of water necessary for uniform vaccination is 20-30 ml for every subject, according to the subject age, season and room temperature. The precautions to be taken for an efficacious vaccination are:

- 1) make the animals partially thirsty by cutting drinking water supply for about 2 hours;
- 2) make sure that the troughs are clean and that they do not contain disinfectant substances;
- 3) do not expose the water containing the vaccine to heat or strong light;
- 4) distribute the water containing the vaccine among a number of troughs so as to allow all animals access to the vaccine within 2-3 hours.

The most appropriate age for the vaccination is between the 3rd and 4th month; the chickens to be vaccinated must be in good general health. It is advisable to maintain an interval of 14 days from other vaccinations. Chickens younger than 2 months or in the laying period should not be vaccinated; therefore vaccination must be performed at least 1 month before the laying period.

The vaccination does not give rise to abnormal responses in the animals if the suggested age (3-4 months) for the vaccination is observed. A strong immunity is established about 1 month after the vaccination and lasts for a complete laying period. Immunity is passively transmitted from the hens to the chicks through the egg, so that the chicks will remain immune for the first

weeks of life.

NOTE

After dissolution the vaccine must be used immediately. The vials must be burned or disinfected after use.

STORAGE

ENCEFAL-VAC must be stored in a refrigerator at + 2 °C to + 8 °C.

SHELF-LIFE

18 months.

PACKING

1000-dose vials.