Marek CVI + HVT

Marek’s H.V.T FC-126 + Rispens, CVI-988 strains
Bivalent Frozen, Cell associated live virus vaccine in ampoules

Description
The bivalent Marek CVI + HVT vaccine is produced in chick embryo fibroblast cell culture of SPF eggs origin. The bivalent preparation contains Marek’s Disease virus serotype 1 (CVI-988) and serotype 3 (FC-126 strain).

Indications
Marek CVI + HVT vaccine is used for the immunization of healthy broiler, layer & breeder chicks against Marek’s Disease caused by MD Virus. Type of vaccine to be used should be determined by the farm veterinarian based on the severity and pathogenicity of prevalent field virus.

Dosage and Administration
Each day-old chick is to be injected by the subcutaneous route in the back of the neck or by the Intramuscular route in the leg, with 0.2ml of diluted vaccine. Vaccinate in the hatchery or on the farm, as soon after hatch as possible.

Methods of Administration
Remove an ampoule from the liquid nitrogen container. Thaw the ampoule quickly by immersion in a 25°C water bath. Mix the vaccine with the special Marek’s diluent (kept cold) and transfer it to the bag/bottle of the diluent. Injection of the chicks should commence immediately after thawing and mixing of the vaccine. Keep the diluted vaccine cold throughout the vaccination. The dose is 0.2ml of mixed vaccine per chick by subcutaneous route in the back of the neck or by intramuscular route in the leg. The leg should be held firmly between thumb and forefinger and the sharp needle is inserted into the muscle following the direction of the leg. When correctly injected, a small swelling in the soft muscle can be felt at the site of injection.

Precautions
- Strict safety precautions must be maintained when handling liquid nitrogen in containers.
- Avoid exposure of the vaccine to heat and light during storage
- For reconstitution and vaccination use only the special Marek’s diluent
- Do not reconstitute the vaccine until you are ready to vaccinate. Make sure diluent is cold.
- Protect ready-to-use diluted vaccine from heat and light.
- Use properly cleaned and disinfected automatic injector with sterile sharp needle capable of delivering the exact dose.
- Throughout the vaccination avoid contamination.
- Make sure each and every chick is injected.
- Vaccinate preferably in the hatchery or as soon as possible after arrival at the rearing units. Any delay may reduce protection afforded by the vaccine.
- Vaccinate only healthy chicks. Sick chicks may not respond properly to vaccination and may not develop proper immunity.
- Do not add any supplemental additions or substitutions to the diluents or vaccine.
- Good management practices are recommended to reduce exposure for at least 2 weeks following vaccination.

Storage
The cell associated frozen vaccine is stored and shipped in liquid nitrogen tanks. Keep the vaccine ampoules inside the tanks. Make sure that the tanks contain enough liquid nitrogen. The diluent can be kept separately in a cool place.

Package
The cell associated frozen vaccine is presented in glass ampoules (5 ampoules on an aluminum cane). A special diluent is supplied in a separate package.

The ampoules contain 1000 or 2000 doses

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