



Brucevac[®] (conjunctival dose)

Freeze dried live attenuated *Brucella melitensis* strain Rev.1 vaccine

Brucellosis is a serious bacterial zoonotic disease of sheep and goats. The disease is present in most countries of the world. It causes abortion, orchitis, arthritis, and inflammation of the accessory sex glands. The disease is best prevented and controlled by vaccination.

COMPOSITION:

Each dose contains 0.5-2.0 X 10⁹ CFU viable organisms of freeze dried live attenuated *Brucella melitensis* strain Rev.1.

CHARACTERISTICS:

Live attenuated *Brucella melitensis* Rev.1 vaccine (conjunctival dose) has the following characteristics:-

- Stable.
- Does not produce local or systemic reaction.
- The live attenuated microorganism does not spread from animal to animal.
- Provides satisfactory protection for several years against *Brucella melitensis*.
- Vaccination is followed by a good immune response.

INDICATIONS:

Prevention of Brucellosis in sheep and goats.

DOSAGE AND ADMINISTRATION:

- Dosage is 1 eye drop per animal (using the dropper provided in the kit).
- Dissolve the freeze dried pellet

vaccine with the sterile diluent provided (1 ml per vial of 25 doses and 2 ml per vial of 50 doses).

- Vaccinate by conjunctival route: one eye drop/animal at the age of 3 months or above.
- Use the vaccine immediately after reconstitution (within two hours in cool conditions).

WITHDRAWAL PERIOD:

- Meat: 21 days.
- Milk: 90 days.

CONTRAINDICATIONS:

- Do not vaccinate pregnant animals or lactating females, and breeding females within two months prior to mating.
- Do not vaccinate sick or stressed animals.
- Do not use antibiotics or other antibacterial substances for 7 days before and 14 days after vaccination.

SPECIAL PRECAUTIONS:

- Do not use syringe and needle cleaned or sterilized by antiseptics.
- Use only clean, antiseptic or disinfectant-free materials for the preparation of the vaccine solution.
- *Brucella melitensis* Rev.1 vaccine is pathogenic for humans; care should be taken to avoid accidental injection.
- Medical advice should be

sought in the event of accidental exposure.

- Unused opened vaccine containers and waste material should be decontaminated with suitable disinfectants (phenolics, iodophores or formaldehydes) at a recommended concentration.

STORAGE AND SHELF LIFE:

- Store between +2°C to +8°C.
- Protect from direct sunlight.
- Do not freeze.
- The vaccine remains stable for 18 months from production date stated on the label under recommended storage conditions.

PRESENTATION:

Vials of: 25 doses and 50 doses.

FOR VETERINARY USE ONLY.

**Jovac**

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