



Black Quarter[®]

Inactivated injectable suspension vaccine
against Blackleg disease

Monovalent inactivated adsorbed vaccine against Blackleg disease in cattle. Blackleg is a highly fatal disease of young cattle. Control measures are based on strict hygiene and vaccination of susceptible animals like ruminants.

COMPOSITION:

- Each 2 ml immunizing dose contains sufficient amount of *Clostridium chauvoei* anacultures to induce $\geq 90\%$ protection in guinea-pigs.
- Aluminum hydroxide gel.

INDICATIONS:

Active immunization of cattle against Blackleg disease.

DOSAGE AND ADMINISTRATION:

Apply subcutaneously; (preferably at the skin of the neck just in front of the shoulders).

Cattle: 2 ml

- First vaccination:
One recommended dose at any time, revaccinate after 4-6 weeks.
- Booster vaccination:
One recommended dose annually, 2-6 weeks before calving to ensure a good level of immunity.
- Vaccination of new born animals:
 - Born animals of non-vaccinated dams: 2 injections; the first above 10 days of age and the second after 3-4 weeks interval.
 - Born animals of vaccinated dams: 2 injections; the first at 7-8 weeks of age and the second after 3-4 weeks interval.

WITHDRAWAL PERIOD:

21 days.

CONTRAINDICATIONS:

Do not vaccinate sick or stressed animals.

SPECIAL PRECAUTIONS:

- Shake well before use.
- Apply aseptic precautions and vaccinate only healthy animals.
- Avoid stress when vaccinating. In the event of hypersensitivity reactions or in administering an overdose, epinephrine (adrenaline) should be administered and veterinary advice should be sought.
- Unused opened vaccine containers and waste material should be decontaminated with suitable disinfectants (phenolics, iodophores or formaldehydes) at recommended concentration.

STORAGE AND SHELF LIFE:

- Store between +2°C to +8°C.
- Protect from direct sunlight.
- Do not freeze.
- The vaccines remain stable for 2 years from production date stated on the label under the recommended storage conditions.
- Use within 8-10 hours after first opening.

PRESENTATION:

Bottles of: 100 ml.

FOR VETERINARY USE ONLY.

**Jovac**

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