



ONLY USED FOR ANIMAL HEALTH

BRUDOLL - A
Conjunctival

INJECTABLE SUSPENSION LYOPHILIZATE

BRUCELLA ABORTUS S19 EYE DROP VACCINE

BRUDOLL-A Conjunctival live attenuated lyophilized *Brucella abortus* S 19 eye drop vaccine for the protection against brucellosis of cattle

Pharmaceutical form: Eye drop vaccine consisting of live lyophilized pellets of attenuated *Brucella abortus* S 19 vaccine strain and diluent

Composition: One dose of vaccine (1 drop: 50 µl);

Attenuated <i>Brucella abortus</i> S19	5-10 x10 ⁹ CFU/dose
Enzymatic digest of Proteins / Casein	0,8 mg/ dose
Sucrose	1,6 mg/ dose
Sodium glutamate	0,32 mg/ dose
HEPES	0,01 mmol/ dose

INDICATION: It is used for the protection of healthy female cattle older than 3 months against Brucellosis.

CONTRAINDICATION: It should not be used in male animals and pregnant animals as it may cause abortion. However, vaccine might be used in last month of pregnancy of cattle in endemic areas.

ADVERSE EFFECTS: In rare cases, adrenergic and antihistamine preparations should be administered against anaphylactic shocks that may occur shortly after vaccination in susceptible animals. In vaccinated animals false positive reaction by serology tests could be observed, which can last up to 6 months.

TARGET SPECIES: Female cattle older than 3 months.

METHOD OF ADMINISTRATION AND DOSE: The lyophilized vaccine is reconstituted with its corresponding blue diluent containing and well homogenized. Calibrated dropper is mounted on the vial containing the diluted vaccine and becomes ready for use. Healthy female cattle older than 3 months are vaccinated by conjunctivally one drop of vaccine (50±2µl). A second dose of vaccine are administered 6-8 months later.

WARNINGS: The diluted vaccine should be used within 6 hours maximum. Vaccines that have been exposed to high temperature and sunlight for a long time and those of which packaging integrity has been impaired should never be used. Animals to be vaccinated should be healthy. Asepsis and antisepsis should be taken into consideration in vaccine administrations. BRUDOLL-A Conjunctival should be applied only by veterinarians or veterinary technicians under the supervision of a veterinarians.

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PRECAUTIONS TO BE TAKEN BY THE PERSON ADMINISTERING THE VACCINE AND RECOMMENDATIONS FOR VETERINARIANS: *Brucella abortus* S 19 is capable of causing disease in humans, although it is an attenuated strain. Therefore, appropriate biosafety measures complying with the bacteria should be taken. Gloves should be used during vaccination and an antiseptic solution should be available when needed. During application of the vaccine and diluted vaccine, improper application, eye and skin contamination should be avoided. In case of accidental contact, medical intervention should be sought.

WITHDRAWAL PERIOD FOR ANIMAL ORIGIN PRODUCTS: It is recommended that the vaccinated animals should not be slaughtered for 90 days.

STORAGE CONDITIONS: The vaccine should be stored at 2 / 8°C and in the dark

PRESENTATION:

25 DOSES OF LYOPHILIZED VACCINE	With 1.25 ml of diluent and dropper
50 DOSES OF LYOPHILIZED VACCINE	With 2.5 ml of diluent and dropper

SHELF LIFE: 24 months (2 years)

DISPOSAL OF WASTE AND UNUSED PRODUCTS: Vaccines that are diluted and unused are disposed of by boiling for 15 minutes. Unused vaccines in lyophilized form are returned to the manufacturer for disposal.

“Keep out of reach of children”

“Consult veterinarian if any undesired effects occur”



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