

ROS-BENDOLL

SMOOTH BRUCELLA ROSE BENGAL PLATE TEST ANTIGEN

Dollvet

INSTRUCTION MANUAL

COMPOSITION:

It is 8% dead *B. Abortus S99* bacterial suspension stained with 1% Rose-Bengal in buffer diluent prepared with distilled water, sodium hydroxide, lactic acid, phenol and sodium chloride.

INDICATIONS:

It is used for serological diagnosis of brucella infections caused by smooth brucella bacteria in animals.

ADMINISTRATION:

Required materials:

- Calibrated antigen dropper (supplied with antigen)
- Plastic, porcelain or glass plate (supplied with antigen)
- Stick for mixing (supplied with antigen)
- Automatic pipette
- 100 and 1000 µl pipette tips

Application of the test

- Antigen and test sera are kept at room temperature for 15 minutes and allowed to come to room temperature.
- Mix the antigen thoroughly without foaming and drop a drop of antigen (40 µl) into the well on the plate.
- The same amount of serum is dropped into the same well next to the antigen.
- The antigen and serum is mixed with stick.
- The plate is moved back and forth to ensure thorough mixing.
- The reaction is evaluated within 4 minutes.

Evaluation of the reaction

- (++) Positive, coarse-grained agglutination
- (+) Positive, fine-grained agglutination
- (-) Negative, no agglutination, mixture remains homogeneous.

WARNINGS:

1. Shake the antigen before use. Test and control sera and antigen should be used at room temperature. In addition, care should be taken to avoid chemical and bacterial contamination that may affect test performance.
2. Precautions for the practitioner and recommendations for veterinarians: Care must be taken to avoid contact of the test antigen with eyes and hands. Gloves should be worn during application.
3. False positive reactions may occur due to strains used in vaccines for disease prevention (*B. abortus S19* and *B. melitensis Rev 1*), cross-reacting bacteria (*Y. enterocolitica O9*, *Salmonella spp.*, *E. coli spp.* Etc.) and nonspecific reactions. False negative reactions may also occur very rarely. The test antigen cannot detect antibodies formed by rough brucella strains (*B. canis*, *B. abortus RB51*, *B. ovis*)

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STORAGE CONDITIONS:

Store at +2 / +8°C in the dark without freezing.

PRESENTATION:

The antigen in 2.5, 5 and 10 ml type III glass vials is packaged in a cardboard box with a 40 µl dropper and test plate.

DISPOSAL OF WASTE AND UNUSED PRODUCTS:

Unused packages and packages that are opened for use are disposed of as medical waste according to the current waste regulations.

Used antigen bottles and droppers must be disposed of in accordance with the Medical Waste Control Regulation.

NAME AND ADDRESS OF MARKETING AUTHORIZATION HOLDER:

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FOR IN VITRO USE

200478/R.00