

BENGATEST

ROSE BENGAL-STAINED ACIDIFIED BUFFERED ANTIGEN FOR THE SEROLOGICAL DIAGNOSIS OF BRUCELLOSIS BY RAPID SLIDE AGGLUTINATION

COMPOSITION

Concentrated suspension of *Brucella abortus* (Weybridge strain 99) inactivated by heat and phenol (0.5 %), dispersed in an acid buffer and stained by Rose Bengal.

INDICATION

Serological diagnosis of brucellosis (caused by *Brucella melitensis*, *abortus* and *suis*) by rapid slide agglutination.

ADMINISTRATION

Materials

- Automatic pipette with changeable pipette tips able to distribute a volume of 25 –30 µl.
- Dropper calibrated at 30 µl to facilitate antigen distribution (a calibrated dropper is enclosed in the BENGATEST pack). **REMARK:** If using a different sample volume than 30 µl, we recommend the use of an automatic pipette.

Reagents

Sera and antigen stored between +2°C and +8°C are placed at room temperature for 30 to 60 minutes before use.

Control

Include one positive and one negative serum in the sero-agglutination series as a control for antigen activity.

Procedure

It is essential to use two equal volumes of serum and buffered antigen to perform the test.

- Place a 25-30 µl drop of each serum under test onto the plate.
- Shake the vial of antigen gently and put an equal volume beside each of the sera. You may use the calibrated dropper enclosed in the BENGATEST for the distribution of 30 µl. We recommend the adherence to Good Laboratory Practices when placing the calibrated dropper.
- Carefully blend the antigen and the serum.
- Shake slowly at room temperature and read results 4 minutes later.

Result

- No agglutination: absence of antibodies
- Agglutination (even slight): presence of antibodies.

STORAGE

Store between +2°C and +8°C, protected from light. Do not freeze.

FOR IN VITRO USE ONLY