BRUCELLOSIS ANTIGEN
ROSE BENGAL

The Rose Bengal or Stained Buffered Acidified Antigen permits the serological diagnosis of brucellosis (Brucella melitensis, abortus and suis) by rapid slide agglutination. It is one of the easiest methods to implement and the most widely used for identifying Brucellosis antibodies in sera.

PRINCIPLE
It uses the principle of agglutination on plates in a buffered acidified medium (pH 3.6) which makes it possible to eliminate non specific agglutinations. The use of a stain (Rose Bengal) makes it easier to demonstrate the presence of agglutinates.

INSTRUCTIONS FOR USE
- Keep the antigen and sera 30 to 60 minutes at room temperature +21°C (± 5°C) before the beginning of the tests. **Shake it gently.**
- On a plate, place 30µl of each serum to be tested
- Gently shake the antigen vial and put 30 µl besides each serum
- Carefully mix the antigen and the serum
- Shake the plate for exactly 4 min and read immediately

**Note:** In order to standardise the reading, it is better to introduce as control for each series of analysis a positive control serum for Brucellosis (product's code: P00130) and a known-negative serum sample.

VALIDATION
Check that the results of controls are in accordance with the results expected.

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

KIT CONTENTS
One vial of antigen:
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. This antigen is calibrated to give a positive reaction at 1/45 and a negative reaction at 1/55 with the International primary (OIEISS) or National secondary standard, in accordance to OIE requirements.

STORAGE
Store between +5°C (± 3°C) protected from light. **Do not freeze.**

PRODUCT'S CODE
P00210 - Brucellosis Antigen Rose Bengal - 10 ml vial (330 reactions)
P00230 - Brucellosis Antigen Rose Bengal - 100 ml vial (3300 reactions)
P00130 - Positive control for Brucellosis - 1 ml vial