BRUCELLA ABORTUS SLIDE

Determination of antibodies associated to Brucella Abortus infections by means of coloured bacterial suspension on slide

TEST SUMMARY
Antibodies associated to Brucella Abortus infections cause the agglutination of inactivate bacteria present in suspension. The coloration allows an easy reading of agglutination.

SAMPLES
Fresh clear serum. Stability 7 days at 2-8°C. Freeze for longer period at ~20°C, and keep at room temperature before the analysis. Do not freeze repeatedly. Turbid samples have to be centrifuged.

REAGENTS
Suspension: Coloured bacterial suspension, conservatives and stabilizers.

Precautions
Antigen and controls may contain some non-reactive and preservative components. It is suggested to handle carefully, avoiding contact with skin and swallow.

PREPARATION
Reagents are ready to use. Bacterial suspension has to be carefully resuspended shaking it more times for inversion. Stability: until expiration date on label stored at 2-8°C. Do not freeze.

MATERIALS REQUIRED BUT NOT SUPPLIED

RESULTS INTERPRETATION
The title of the serum examined is due to the most higher dilution in which is showed a feeble positivity. Use of control sera is recommended as reference; the positive control ought to show a partial or complete agglutination instead the negative control ought to show no agglutination.

EXPECTED VALUES
Titles up to 1:40; have to be considered negative, and suspected from 1:80 to 1:160. Exceeded titles to 1:160 show a recent infection.

For infection diagnosis is distinctive the significative increasing of the title among examined samples from days distance.

NOTE
• If the results are incompatible with clinical presentation, they have to be evaluated within a total clinical study.
• Only for IVD use.

TEST PERFORMANCE
Sensitivity
The method sensitivity decrease at low temperature. Better results will be obtained at higher temperature up to 10°C.

No prozone phenomenon were observed for concentrations studied up to a title ≤ 1/128.

Interference
No interference was observed by the presence of:

- hemoglobin bilirubin lipids ≤ 1000 mg/dl
- rheumatic factor ≤ 20 mg/dl
- < 1000 mg/dl
- < 300 UI/ml

Recent infection ad immunodepression can do false negativity.

WASTE DISPOSAL
Product is intended for professional laboratories. Waste products must be handled as per relevant security cards and local regulations.

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Mix with a stirrer and spread over the entire area enclosed by the ring. Shake for one minute by rotating movement or with a mechanical shaker at 100 r.p.m.

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