



MAMMALIAN SEROLOGY SECTION

Services rendered by the section

BRUCELLOSIS (*Brucella abortus*)

Milk samples

- MRT (Milk Ring Test) – screening test done on bulk milk samples

Serum samples

- RBT (Rose Bengal Test) – screening test
- CFT (Complement Fixation Test) – confirmatory test to determine antibody titres (levels)

ELISA Tests

- BVDV Antibody (Bovine Viral Diarrhoea Virus)
- BVDV Antigen (Bovine Viral Diarrhoea Virus)
- IBR Antibody (Infectious Bovine Rhinotracheitis)
- EBL Antibody (Enzootic Bovine Leucosis)
- Neospora
- Liver Fluke Antibody

OTHER TESTS

- Wart vaccine production

Important points to note when sending samples

- 1) The laboratory's current submission form must be comprehensively completed and submitted with ALL samples.
- 2) All serum samples sent for CA testing must be submitted with a comprehensively completed **BR5 form** i.e. with all owner, sender details (Tel, Fax) as well as animal identification details.
- 3) Sample tubes must be clearly labelled with the tube number that correlates with the identification of the animal on the **BR5 form**.



KWAZULU-NATAL PROVINCE

AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

- 4) All samples collected if not submitted on the same day must be refrigerated at 2 - 8°C prior to submitting i.e. this will avoid the problem of haemolysed samples which are unsuitable for testing.
- 5) Milk samples sent for MRT testing must be submitted with a comprehensively completed **MRT form**. Samples must reach the Laboratory within 48 hours after sampling – even if preserved.
- 6) When submitting warts for vaccine production, please ensure that there is a minimum of 4g.

Test Fees

Please refer to the current test and fees list or contact the laboratory for fees on tests requested.

Section Contact Details

State Veterinarian: Dr. Rachel Dliwayo
Tel: +27 033 347 6299
Email: rachel.dliwayo@kzndard.gov.za

Veterinary Technologist: Ms Prebashni Naidoo
Tel: +27 033 347 6211 (Office)
Tel: +27 033 347 6263 (Laboratory)
Email: prebashni.moodley@kzndard.gov.za

Veterinary Technologist: Ms Yondi Marageni
Tel: +27 033 347 6201 (Office)
Tel: +27 033 347 6263 (Laboratory)
Email: yoanda.marageni@kzndard.gov.za

Veterinary Technologist: Mr Thabo Motloung
Tel: +27 033 347 6281 (Office)
Tel: +27 033 347 6263 (Laboratory)
Email: thabo.motloung@kzndard.gov.za