

### LABORATORY TESTS FOR BOVINE DISEASES

DISEASES	DIAGNOSTIC METHODS	SAMPLES	LABORATORY
<b>Foot and mouth disease</b>	ELISA (Antigen & Antibody)	Sera	RVL KB only
	Polymerase chain reaction (PCR)	Epithelial tissue	
<b>Bovine brucellosis</b>	Complement fixation	Sera	VRI only
	Rose benggal plate test	Blood	VRI and all other RVLs
	Milk ring test	Milk	
	Bacterial identification	Aborted foetus, uterus	
<b>Haemorrhagic septicaemia</b>	Bacterial identification	Organs	VRI and all other RVLs
<b>Bovine tuberculosis</b>	Tuberculin test	Live animal	VRI and all other RVLs
	Bacterial identification	organs & lymph nodes	
<b>Bovine viral diarrhoea/Infectious rhinotracheitis</b>	Serum neutralization	Sera	VRI only
	Virus isolation	Heparinised blood	
	Fluorescent antibody	Organs	
<b>Johne's disease</b>	Bacterial identification	Organs	VRI & all other RVLs VRI only
	Complement fixation	Sera	
<b>Bovine genital campylobacteriosis</b>	Bacterial identification	Preputial washing or semen	VRI & all other RVLs
<b>Bovine babesiosis/anaplasmosis</b>	Protozoa identification	Blood/organs	VRI & all other RVLs
<b>Trichomoniasis</b>	Protozoa identification	Preputial washing or Semen	VRI & all other RVLs