

Organism/ disease tested	Test method	Function	
<i>Aerobic bacteriae</i>	bacterial culture	Propagation	
<i>Aeromonas salmonicida</i>	bacterial culture	Propagation	
Akabane virus	VNT	Antibody/antigen detection	
Anaplasmosis	CFT	Antibody detection	*
Avian influenza virus	AGID	Antibody/antigen detection	
Avian influenza virus	ELISA-Ab	Antibody/antigen detection	
Avian influenza virus	ELISA idexx	Antibody/antigen detection	
Avian influenza virus	HI	Antibody/antigen detection	
Avian influenza	VI	Propagation	
Avian paramyxovirus serotype 1 (APMV-1)/NDV	PCR	Molecular biology	
Avian virus	VI	Propagation	
<i>Babesia</i>	blood smear	Visualisation	
<i>Babesia caballi</i>	ELISA-Ab	Antibody/antigen detection	
<i>Babesia caballi</i>	IFAT	Antibody/antigen detection	*
<i>Babesia equi</i>	ELISA-Ab	Antibody/antigen detection	
<i>Babesia equi</i>	IFAT	Antibody/antigen detection	*
<i>Babesia gibsoni</i>	IFAT	Antibody/antigen detection	*
<i>Babesia gibsoni</i>	PCR	Molecular biology	*
Blood parasites	blood smear	Visualisation	*
Bluetongue virus	AGIDT	Antibody/antigen detection	
Bluetongue virus	ELISA-Ab	Antibody/antigen detection	
Bovine herpes virus	PCR	Molecular biology	
Bovine viral diarrhoea virus (BVDV)	ELISA-Ab	Antibody/antigen detection	
Bovine viral diarrhoea virus (BVDV)	ELISA-Ag	Antibody/antigen detection	
Bovine viral diarrhoea virus (BVDV)	PCR	Molecular biology	
Bovine viral diarrhoea virus (BVDV)	VI	Propagation	
Bovine viral diarrhoea virus (BVDV)	VNT	Antibody/antigen detection	
Bovine viral diarrhoea virus (BVDV)	2 passages	Propagation	
<i>Brucella abortus</i>	SAT AM	Antibody/antigen detection	
<i>Brucella abortus</i>	SAT EU	Antibody/antigen detection	

<i>Brucella abortus</i> (<i>Brucella melitensis</i> , <i>Brucella suis</i>)	ELISA-Ab	Antibody/antigen detection
<i>Brucella abortus</i> (<i>melitensis</i>)	CFT	Antibody/antigen detection
<i>Brucella canis</i>	RSA	Antibody/antigen detection
<i>Brucella ovis</i>	CFT	Antibody/antigen detection
<i>Brucella ovis</i>	ELISA-Ab	Antibody/antigen detection
<i>Campylobacter</i>	bacterial culture	Propagation
Canine/ feline heartworm	ELISA-Ag	Antibody/antigen detection
Caprine arthritis and encephalitis (CAE) virus	ELISA-Ab	Antibody/antigen detection
Cervine herpes virus type-1	VNT	Antibody/antigen detection
Cytopathic fish virus	VI	Propagation
EDS 76	HI	Antibody/antigen detection
<i>Ehrlichia canis</i>	IFAT	Antibody/antigen detection
Enzootic bovine leukosis (EBL)	AGIDT	Antibody/antigen detection
Enzootic bovine leukosis (EBL) ELISA-Ab	ELISA-Ab	Antibody/antigen detection
Epizootic haemorrhagic disease (EHD)	AGIDT	Antibody/antigen detection
Epizootic haemorrhagic disease (EHD)	ELISA-Ab	Antibody/antigen detection
Equine herpes virus	VNT	Antibody/antigen detection
Equine herpesvirus-1	ELISA-Ab	Antibody/antigen detection
Equine herpesvirus-4	ELISA-Ab	Antibody/antigen detection
Equine Infectious Anaemia (EIA)	AGIDT	Antibody/antigen detection
Equine influenza virus	HI	Antibody/antigen detection
Equine influenza virus	PCR	Molecular biology
Equine viral arteritis (EVA) virus	VI	Propagation
Equine viral arteritis (EVA) virus	VNT	Antibody/antigen detection
Infectious Bovine Rhinotracheitis (IBR)	VI	Propagation
Infectious Bovine Rhinotracheitis (IBR)	VNT	Antibody/antigen detection
Infectious bovine rhinotracheitis (IBR) virus	ELISA-Ab	Antibody/antigen detection
Infectious bursal disease (IBD) virus	ELISA IDEXX	Antibody/antigen detection
Infectious bursal disease (IBD) virus	ELISA-Ab	Antibody/antigen detection
Infectious bursal disease (IBD) virus	PCR	Molecular biology
Infectious bursal disease (IBD) virus	VNT	Antibody/antigen detection
Influenza	PCR	Molecular biology

Influenza A+B	POC-test	Antibody/antigen detection	
Johnes disease (JD), paratuberculosis	AGIDT	Antibody/antigen detection	
Johnes disease (JD), paratuberculosis	CFT	Antibody/antigen detection	
Johnes disease (JD), paratuberculosis	ELISA-Ab	Antibody/antigen detection	
<i>Leishmania</i> spp	IFAT	Antibody/antigen detection	
<i>Leptospira ballum</i>	MAT	Antibody/antigen detection	
<i>Leptospira bratislava</i>	MAT	Antibody/antigen detection	
<i>Leptospira canicola</i>	MAT	Antibody/antigen detection	
<i>Leptospira copenhagenii</i>	MAT	Antibody/antigen detection	
<i>Leptospira gripotiphosa</i>	MAT	Antibody/antigen detection	
<i>Leptospira hardjo</i>	MAT	Antibody/antigen detection	
<i>Leptospira ictero</i>	MAT	Antibody/antigen detection	
<i>Leptospira pomona</i> MAT	MAT	Antibody/antigen detection	
<i>Leptospira</i> serovar <i>tarassovi</i>	MAT	Antibody/antigen detection	
Lyssa virus	IFAT	Antibody/antigen detection	*
Maedi visna (MV) virus	ELISA-Ab	Antibody/antigen detection	
Malignant catarrhal fever	PCR	Molecular biology	
Microfilariae	Knotts test	Visualisation	*
<i>Mycoplasma</i>	bacterial culture	Propagation	
<i>Mycoplasma agalactiae</i>	ELISA-Ab	Antibody/antigen detection	
<i>Mycoplasma capricolum capricolum</i>	CFT	Antibody/antigen detection	
<i>Mycoplasma mycoides mycoides</i> LC	CFT	Antibody/antigen detection	
<i>Mycoplasma synoviae</i>	RSA	Antibody/antigen detection	
<i>Mycoplasma gallicepticum</i>	RSA	Antibody/antigen detection	
<i>Myxobolus cerebralis</i>	microscopy	Visualisation	
Newcastle Disease Virus (NDV)	ELISA	Antibody detection	
Newcastle Disease Virus (NDV)	HI	Antibody/antigen detection	
Newcastle Disease Virus (NDV)	VI	Propagation	
Palyam virus	AGIDT	Antibody/antigen detection	
Parainfluenza virus type-3	VI	Propagation	
Parasite eggs	faecal egg count	Visualisation	*
Pestivirus/ hairy shaker disease virus	VI	Propagation	

Hairy shaker disease virus	2 passages	Propagation	
Porcine Parvovirus (PPV)	ELISA-Ab	Antibody/antigen detection	
Q-fever	CFT	Antibody/antigen detection	
Q-fever	ELISA-Ab	Antibody/antigen detection	
Q-fever	PCR	Molecular biology	
Rabies virus	RFFIT	Antibody/antigen detection	
Renibacterium salmoniarum	PCR	Molecular biology	
<i>Salmonella</i>	bacterial culture	Propagation	
<i>Salmonella</i>	Elisa	Antibody/antigen detection	
<i>Streptococcus eui ss. Equi</i> culture	bacterial culture	Propagation	
<i>Salmonella sp inc S.typhimurum and S.enteridis</i>	bacterial culture	Propagation	
<i>Taylorella equigenitalis</i>	bacterial culture	Propagation	
Ticks	Identification	Visualisation	
<i>Trichinella spiralis</i>	ELISA-Ab	Antibody/antigen detection	
<i>Trichinella spiralis</i>	pepsin digestion	Visualisation	
<i>Trichomonas</i>	bacterial culture	Propagation	
<i>Vibrio</i>	bacterial culture	Propagation	
<i>Yersinia ruckeri</i>	bacterial culture	Propagation	
<i>Note: tests with * are not available in New Zealand</i>			
Abbreviations:			
Agar gel immunodiffusion test - antibody detection	AGIDT		
American	AM		
Bacteriology and Aquatic Diseases	BAAD		
Complement fixation - antibody detection	CFT		
Enzyme linked immunosorbent assay - antibody detection	ELISA Ab		
Enzyme linked immunosorbent assay - antigen detection	ELISA Ag		
European	EU		
Hemagglutination inhibition test	HI		

Immuno Fluorescence Antibody Test - antibody detection	IFAT		
Microscopic agglutination test - antibody detection	MAT		
Polymerase chain reaction - RNA, DNA detection	PCR		
Point-of-care test - antigen detection	POC		
Rapid fluorescent focus inhibition test	RFFIT		
Rapid slide agglutination - antibody detection	RSA		
Serum agglutination test - antibody detection	SAT		
Virus isolation	VI		
Virus neutralisation test - antibody detection	VNT		