

LABORATORY TESTS FOR EQUINE DISEASES

DISEASES	DIAGNOSTIC METHODS	SAMPLES	LABORATORY
Equine infectious anaemia	Agar gel immunodiffusion (AGID)	Sera	VRI only
Equine influenza (Virus type A)	Virus Isolation	Lung	VRI only
Equine rhinopneumonitis	Serum neutralization, Virus isolation	Sera, Lung	VRI only
Japanese encephalitis	Virus isolation, Haemagglutination inhibition (HI), Dot blot	Sera	VRI only
Equine herpes virus	Serum neutralization	Sera	VRI only
Western equine encephalitis	Serum neutralization	Sera	VRI only
Eastern equine encephalitis	Serum neutralization	Sera	VRI only
Glanders	Bacteria identification	Lymph nodes	VRI & all other RVLs
	Mallein test	Live animal	
	Complement fixation	Sera	VRI only
Strangles	Bacteria identification	Lymph nodes & organs	VRI & all other RVLs
Piroplasmosis	Protozoa detection	Heparinized Blood	VRI & all other RVLs
	Indirect fluorescent antibody, Complement fixation	Sera	VRI only
Surra	Haematocrit Centrifugation test	Heparinized blood	VRI & all other RVLs
	Enzyme-linked immunosorbent assay (ELISA)	Sera	VRI only