

LABORATORY TESTS FOR POULTRY DISEASES

DISEASES	DIAGNOSTIC METHODS	SAMPLES	LABORATORY
Newcastle disease	ELISA, HI, Serum neutralization	Sera	VRI and all other RVLs
	Virus isolation	Brain, Trachea	
Avian influenza	ELISA, HI, AGID	Sera	VRI and all other RVLs
	Virus isolation	Organs	
Infectious bursa disease	AGID, PCR, Serum neutralization	Sera	VRI and all other RVLs
	Virus isolation	Organs	
Infectious bronchitis	AGID, PCR Serum neutralization	Sera	VRI and all other RVLs
	Virus isolation	Organs	
Infectious laryngotracheitis	AGID, Serum neutralization	Sera	VRI only
	Histopathology	Trachea	VRI and all other RVLs
Swollen head syndrome	ELISA, PCR	Sera, Tracheal	VRI only
Avian encephalitis	Embryo susceptibility	Brain	VRI and all other RVLs
Marek's disease	Histopathology	Organs	VRI and all other RVLs
Duck virus hepatitis	Virus isolation	Organs	VRI and all other RVLs
	Serum neutralization	Sera	
Duck virus enteritis	Virus isolation	Organs	VRI and all other RVLs
	Serum neutralization	Sera	
Fowl cholera	Bacterial identification & serotyping	Organs	VRI and all other RVLs
Pullorum disease & Fowl typhoid	Bacterial identification & serotyping	Organs	VRI and all other RVLs