Schedule of Accreditation

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL TISSUES, FLUIDS and ENVIRONMENTAL	Molecular Biology Tests	
Chicken Organs, Feathers, House Dust	Identification of Marek's Disease Virus (vMDV, CVI988, MDV-2 and HVT)	Documented in-house operating procedures AOV-SOP-1 and AOV-SOP-3 Qiagen DNeasy blood and tissue kit manual extraction using 96- well and single column format. AOV-SOP-2 Real-time PCR using the QuantStudio™ 5 real-time PCR system
Chicken lymphoid organs	Identification of Mareks's Disease Virus Prevexxion-RN® vaccine DNA	Documented in-house operating procedures AOV-SOP-1, AOV-SOP-2 and AOV-SOP-3 by Qiagen DNeasy manual extraction kits and QuantStudio™ 5 Real-time PCR System
Tissue Epithelium, Oesophageal Washings (Probang), Serum, EDTA Whole Blood and Milk	Identification of Foot-and-Mouth Disease Virus (FMDV) and related vesicular viruses	Documented in-house standard operating procedure WRL-SOP-26 supported by RNA extraction WRL-SOP-35 using MagMAX Express 96/KingFisher Flex Extraction System, WRL-SOP-42 QuantStudio™ 5 real-time PCR system for one-step RT-PCR amplification of RNA
Faeces, Tissue Epithelium, Oesophageal Washings (Probang), Serum, EDTA Whole Blood and Milk	Identification of Swine Vesicular Disease Virus (SVDV)	Documented in-house operating procedure WRL-SOP-26, supported by RNA extraction WRL-SOP-35 using MagMAX Express 96 / KingFisher Flex Extraction System, WRL-SOP-42 QuantStudio™ 5 real-time PCR system for one-step RT-PCR amplification of RNA

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL TISSUES and FLUIDS	<u>Serology Tests</u> Detection of antibodies to:	Documented in-house standard operating procedures:
Blood, serum, unspecified (cloven-hoofed animals)	Structural and non-structural proteins of Foot-and-Mouth Disease (FMDV)	Methods developed and validated following the Flexible Scope Procedure QA-METH-16 by manual ELISA processing using commercial test kits
Blood and Serum, unspecified	Vesicular and related viruses	SAU-SOP-4 Virus neutralisation test
	Structural proteins of Foot-and-Mouth Disease (FMDV)	1) SAU-SOP-5 Liquid Phase Blocking ELISA 2) SAU-SOP-12 PrioCHECK® FMDV type O kits 3) SAU-SOP-11 Solid Phase Competition ELISA 4) SAU-SOP-49 PrioCHECK® FMDV type A and Asia 1 kits 5) SAU-SOP-53 ID SCREEN® type O competition ELISA 6) SAU-SOP-54 ID SCREEN® type A & ASIA 1 competition ELISA
	Non-structural protein of Foot and Mouth Disease Virus (FMDV)	1) SAU-SOP-10 (PrioCHECK® FMDV-NS) kits 2) SAU-SOP-51 ID Screen® FMD NSP C-ELISA
Blood and Serum, unspecified	Swine Vesicular Disease Virus (SVDV)	SAU-SOP-21 5B7 Monoclonal Antibody Competition ELISA
Serum	Detection of antibodies to species susceptible to non-vesicular viruses	Methods developed and validated following Flexible Scope procedure QA-METH-16 by manual ELISA processing using commercial test kits

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL TISSUES and FLUIDS (cont'd)	Serology Tests (cont'd)	Documented in-house standard operating procedures:
Serum, Plasma: Bovine, Ovine, Caprine	Capripox viruses (CaPV)	NVR-SOP-53 using Capripox IDVET Double Antigen ELISA
Serum, Plasma: Ruminants	Blue Tongue Virus (BTV)	NVR-SOP-52 using IDVET C-ELISA
Serum: Equine	African Horse Sickness Virus (AHSV)	NVR-SOP-4 using INGEZIM Compac Plus ELISA
Serum: Porcine	African Swine Fever Virus (ASFV)	1) NVR-SOP-28 using INGEZIM PPA Compac ELISA 2) NVR-SOP-60 using ID Screen® ASFV Competition ELISA
Serum: Bovine and Cervid	Epizootic Haemorrhagic Disease Virus (EHDV)	NVR-SOP-57 using ID Screen® EHDV ID Vet C-ELISA
Serum and Plasma: Ovine, Caprine	Peste des Petits Ruminants Virus (PPRV)	NVR-SOP-3 using IDVET C-ELISA
	Virology Tests	Documented in-house standard operating procedures:
Tissue, unspecified	Detection and identification of Foot and Mouth Disease Virus (FMDV) & Swine Vesicular Disease Virus (SVDV)	1) WRL-SOP-2 Virus Isolation 2) WRL-SOP-6 ELISA (FMDV and SVDV antigen detection) 3) WRL-SOP-39 Pirbright/IZSLER monoclonal antibody ELISA for the detection of FMDV antigen
Porcine Blood, Spleen and Lymph Nodes – sampled for outbreak confirmation	Detection of African Swine Fever Virus (ASFV) antigen	NVR-SOP-2 using INGEZIM PPA DAS ELISA
Animal Blood (EDTA)	Detection of Blue Tongue Virus (BTV) African Horse Sickness Virus (AHSV) and Epizootic Haemorrhagic Disease Virus (EHDV)	NVR-SOP-11 Virus isolation

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL TISSUES, BLOOD (EDTA) and CELL CULTURE SUPERNATANTS	Molecular Biology Tests Detection of specific nucleic acids for:	Documented in-house standard operating procedures (cont'd):
Animal tissues and fluids including blood, serum, swabs	Species susceptible to non-vesicular viruses	Methods developed and validated following Flexible Scope procedure QA-METH-15 using real-time PCR and robotic extraction
Animal Blood, Tissues and Cell Culture Supernatants	Blue Tongue Virus (BTV)	NVR-SOP-19 by one-step real-time RT-PCR supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32 or NVR-SOP-67)
Animal Blood, Tissues and Cell Culture Supernatants	Blue Tongue Virus (BTV)	NVR-SOP-55 by one-step real-time RT-PCR (Maan *et al*, 2015) supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32 or NVR-SOP-67)
Animal Blood, Tissues and Cell Culture Supernatants	Blue Tongue Virus (BTV)	NVR-SOP-70 by one-step real-time RT-PCR supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32 or NVR-SOP-67) using Biosellal BioT Kit,
Animal Blood, Tissues and Cell Culture Supernatants	African Horse Sickness Virus (AHSV)	NVR-SOP-19 by one-step real-time RT-PCR supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)
Animal Blood,Tissues and Cell Culture Supernatants	African Horse Sickness Virus (AHSV)	NVR-SOP-54 by one-step real-time RT-PCR (Guthrie *et al*, 2013) supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL TISSUES, BLOOD (EDTA) and CELL CULTURE SUPERNATANTS (cont'd)	Molecular Biology Tests (cont'd) Detection of specific nucleic acids for: (cont'd)	Documented in-house standard operating procedures (cont'd):
Animal Blood, Tissues and Cell Culture Supernatants	Epizootic Haemorrhagic Disease Virus (EHDV)	NVR-SOP-19 by one step real-time RT PCR supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)
Animal Blood, Tissues and Cell Culture Supernatants	Epizootic Haemorrhagic Disease Virus (EHDV)	NVR-SOP- 65 by one step real-time RT PCR supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)
Animal Blood, Serum, Tissues and Cell Culture Supernatants and Swabs	Peste des Petits Ruminants Virus (PPRV)	NVR-SOP-19 by one-step real-time RT-PCR supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)
Animal Blood, Serum, Tissues and Cell Culture Supernatants and Swabs	Peste des Petits Ruminants Virus (PPRV)	NVR-SOP-56 by one step real-time RT-PCR (Flannery *et al* 2019) supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)
Animal Blood, Serum, Tissues and Cell Culture Supernatants and Swabs	Rinderpest Virus (RPV) RNA	NVR-SOP-13 by one-step real-time RT-PCR supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)
Animal Blood, Serum, Tissues and Cell Culture Supernatants	African Swine Fever Virus (ASFV)	NVR-SOP-20 by real-time PCR supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL TISSUES, BLOOD (EDTA) and CELL CULTURE SUPERNATANTS (cont'd)	<u>Molecular Biology Tests (cont'd)</u> Detection of specific nucleic acids for: (cont'd)	Documented in-house standard operating procedures (cont'd):
Animal Blood, Tissues and Cell Culture Supernatants	Capripox Viruses (Lumpy skin disease virus, Sheep pox, Goat pox)	NVR-SOP-20 by real-time PCR supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)
Animal Blood, Serum, Tissues and Cell Culture Supernatants	African Swine Fever Virus (ASFV)	NVR-SOP-29 by real-time PCR (UPL) supported by NVR-SOP-35 using QuantStudio™ 5 real-time PCR system (plus robotic nucleic acid extraction NVR-SOP-32)
DISINFECTANTS FOR VETERINARY USE	<u>Efficacy Testing against:</u> Swine Vesicular Disease Virus, Foot and Mouth Disease Virus	Documented in-house standard operating procedure: BDTL-SOP-2 based on BS EN 14675:2015 by plaque assay
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