Schedule of Accreditation

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United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

1769

Accredited to ISO/IEC 17025:2017

Animal and Plant Health Agency

Issue No: 163 **Issue date:** 28 October 2026

Woodham Lane
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Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address APHA Bury St Edmunds Veterinary Investigation Centre Rougham Hill Bury St Edmunds Suffolk IP33 2RX **Local contact** Ms Lisa Thurston Tel: +44 (0)3000600018	Testing: PM examination with associated staining and worm count Sampling: Necropsy procedures	BUR
Address APHA Carmarthen Veterinary Investigation Centre Job's Well Road Johnstown Carmarthen Carmarthenshire SA31 3EZ **Local contact** Mr Sean Madden Tel: +44 (0)3000600016	Testing: Parasitology, PM examination with associated staining and worm count, Immunology Bacteriology Sampling: Necropsy procedures	CAR
Address APHA Lasswade Laboratory Pentlands Science Park Bush Loan Penicuik Midlothian EH26 0PZ **Local contact** Mr C Donnelly Tel: +44 (0)3000600010	Testing: Serology, Avian PM examination Sampling: Avian necropsy procedures	LAS

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Location details	Activity	Location code
Address APHA Newcastle Veterinary Investigation Centre Whitley Road Longbenton Newcastle-upon-Tyne NE12 9SE **Local contact** Ms K Henderson Tel: +44 (0)3003038269	Testing: Bacteriology, Serology, Microscopy, Immunology, Compost Testing Support Functions: Preparation, validation and supply of culture media	NEW
Address APHA Penrith Veterinary Investigation Centre Merrythought Calthwaite Penrith Cumbria CA11 9RR **Local contact** Mrs K Moseley Tel: +44 (0)3000600012	Testing: Bacteriology, Molecular Biology, Mycology, Parasitology, Serology, Virology, PM examination Sampling: Necropsy procedures Fitness for purpose checks of latex streptococcal grouping kit. Internal Quality Control of API ID kits	PEN
Address APHA Quality Assurance Unit College Road Sutton Bonington Loughborough Leicestershire LE12 5RB **Local contact** Dr Neil Dear Tel: +44 (0)3000600003	Support Functions Supply of control cultures and reagents	QAU
Address APHA Shrewsbury Veterinary Investigation Centre Kendal Road Harlescott Shrewsbury Shropshire SY1 4HD **Local contact** Ms Lisa Thurston Tel: +44 (0)3000600023	Testing: PM examination with associated staining and worm count Sampling: Necropsy procedures	SHR

Location details		Activity	Location code
Address APHA Starcross Veterinary Investigation Centre Staplake Mount Starcross Devon EX6 8PE	**Local contact** Dr. Jo Mayers Tel: +44 (0)3000600020	Testing: Bacteriology, Mycology, Parasitology, Virology, PM examination Sampling: Necropsy procedures Support Functions: Validation and supply of conjugate and control slides for *Clostridium chauvoei*, *septicum and C. novyi* FAT Preparation and validation of conjugate for *Streptococcus suis* FAT	STA
Address APHA Thirsk Veterinary Investigation Centre West House Station Road Thirsk North Yorkshire YO7 1PZ	**Local contact** Mrs Judith Hawkhead Tel: +44 (0)3000600098	Testing: PM examination with associated staining and worm count Immunology Serology Sampling: Necropsy procedures	THI
Address APHA Weybridge Laboratory Services Department Woodham Lane New Haw Addlestone Surrey KT15 3NB	**Local contact** Mrs Louise Fothergill Tel: +44 (0)3000600022	Testing: Bacteriology, Bacteriology (Mycobacteria) Molecular Biology, Serology, Virology Support Functions: TB media QC	LSW
Address APHA York SandHutton YO41 1LZ	**Local Contact** Krishnaveni Illia Tel: +44 (0) 7443314505	Testing Parasitology	YOR

Location details		Activity	Location code
Address APHA Weybridge Pathology and Animal Sciences Department Woodham Lane New Haw Addlestone Surrey KT15 3NB	**Local contact** Mrs Cathy Hughes Tel +44 (0)2080269504	Testing: Histology TSE Western Blot Microscopy Disinfection testing	PATH
Address APHA Weybridge Quality Services Woodham Lane New Haw Addlestone Surrey KT15 3NB	**Local contact** Ms Sarah Eagle Tel: + 44 (0) 208 415 2159	Support Functions: Group auditing, advice and consultancy Maintenance of Group Suppliers list	QS
Address APHA Weybridge Department of Bacteriology Woodham Lane New Haw Addlestone Surrey KT15 3NB	**Local contact** Ms Saffy Dissanayake Tel: +44 (0)20 8026 3812	Testing: Bacteriology, Molecular Biology Disinfectant testing Support Functions: Brucella, Campylobacter and Mycoplasma media QC Plate and reagent preparation for BAC 0021 (Brucella abortus antibody in milk ELISA) Evaluation of salmonella SAT antisera to APHA	BAC2, BAC3, BAC5
Address APHA- Weybridge Virology Department Woodham Lane New Haw Addlestone Surrey KT15 3NB	**Local contact** Mr Lewis Black Tel: + 44 (0)20 3025 0369	Testing: Virology, Molecular biology	VI1, VI2, VI5, VI6

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMALS, TISSUES, BIOLOGICAL FLUIDS, ANIMAL FEEDS, FOODS, MICROBIAL CULTURES AND ENVIRONMENTAL SAMPLES AS SPECIFIED	**BACTERIOLOGY** <u>Testing</u>	Documented In-house Standard Operating Procedures (SOPs)	
Unspecified	General isolation, characterisation and identification of micro-organisms	BA.388 and BA.399	PEN, STA
Sheep and Goat Foetuses	Isolation and determination of presumptive *Brucella* spp	BA.002 culture and BA.001 modified Ziehl-Neelsen stain	PEN, STA, BAC5
Bull Sheath Washings	Antibody detection of *C. fetus* and *C. venerealis*	BA.612 in accordance with Artificial Insemination of Cattle Regulations 1985 by fluorescent antibody test	STA
Bull Sheath Washings	Culture and isolation of *Campylobacter* spp and identification of *C. fetus* and *C. venerealis*	BA.007 in accordance with Artificial Insemination of Cattle Regulations 1985 by Culture	STA
Vaginal and Bull Sheath Washings	*Trichomonas foetus* culture screening	BA.261 by direct microscopical examination	STA
Equine Genital Tract Samples	Examination for the presence of *Taylorella equigenitalis*	BA.008 as screening for CEMO under the Code of Practice of the Horse Race Betting Levy Board including BA.140 phosphatase slide test	PEN
Milk and Bovine Specimens	Screening for *Brucella abortus*:	Test under the Brucellosis Order 1981	
	a) Rose Bengal Plate Test	a) BA.010	LSW, PEN, STA, BAC5
	b) Microscopical examination of abortion materials	b) BA.001	PEN, STA, BAC5
	c) isolation from animal tissues and fluids	c) BA.002	PEN, STA,

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMALS, TISSUES, BIOLOGICAL FLUIDS, ANIMAL FEEDS, FOODS, MICROBIAL CULTURES AND ENVIRONMENTAL SAMPLES AS SPECIFIED (cont'd)	**BACTERIOLOGY** (cont'd) <u>Testing</u> (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Aerobic and Microaerobic Organisms Isolated from Disease Situations	Screening against antimicrobials to generate a susceptibility profile	BA.016 Antimicrobial susceptibility testing using both manual and automated zone reading	PEN, STA
Pig Intestinal and Faecal Samples	Isolation of *Brachyspira hyodysenteriae*	BA.019 by culture methods	STA
Brachyspira Cultures	Identification of *Brachyspira* spp	BA.502 by SAT and biochemical tests	STA
Feeding Stuffs	Detection of constituents of animal origin	SE.067 using microscopical techniques, in accordance with EC Commission Directive 2003/126/EC	PATH
Feeding Stuffs, Faecal Samples, Tissue and Environmental samples (dust, boot swabs and eggshells)	Isolation of *Salmonella* spp	Method No BA.504 based on BS EN ISO 6579-1:2017+A1:2020 confirmation using biochemical and serological tests for the purposes of the Control of Salmonella in Poultry Order (CSPO) (England, Scotland Wales) 2007 supported by BA.506 Salmonella – Isolation from poultry under National Control Programmes for Salmonella in Poultry	BAC2, NEW

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMALS, TISSUES, BIOLOGICAL FLUIDS, ANIMAL FEEDS, FOODS, MICROBIAL CULTURES AND ENVIRONMENTAL SAMPLES AS SPECIFIED (cont'd)	**BACTERIOLOGY** (cont'd) <u>Testing</u> (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
4,000 Whole Eggs	Detection of *Salmonella* spp. (motile) (Confirmation)	BA.504 documented in-house method based on BS EN ISO 6579-1:2017+A12020 (employing MSRV) for matrices as required for the purposes of testing in accordance with Control of Salmonella in Poultry Orders*: CSPO 2007 CSBO 2009 CSTO 2009 * refer to www. gov.uk for current laboratory approval status	NEW
Environmental samples Poultry caecal contents and neck skins	Detection, identification and enumeration of *Campylobacter* spp	BAC0286 and BAC0287 Confirmation based on ISO 10272-1:2017 +A1:2023 for the purposes of the Commission Decision 2007/513/EC	BAC2
Suspect *Campylobacter* colonies from sheep blood agar	Identification of *Campylobacter coli* and *Campylobacter jejuni*	Identification using BAC0334 Bruker MALDI TOF instrument	BAC2
Tissues, Faeces and Body Fluids	Isolation of *Salmonella* spp	BA.325, using selenite, BGAN and XLD	PEN, STA, NEW, CAR
Tissue and Faecal Samples	Isolation and identification of *E. coli* O157	BA.031 using magnetic particle separation and latex confirmatory test (Oxoid)	STA

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ANIMALS, TISSUES, BIOLOGICAL FLUIDS, ANIMAL FEEDS, FOODS, MICROBIAL CULTURES AND ENVIRONMENTAL SAMPLES AS SPECIFIED (cont'd)	**BACTERIOLOGY** (cont'd) <u>Testing</u> (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Tissue Smears	Demonstration of the presence of *Streptococcus suis* Type II	BA.039 by Fluorescent Antibody Technique	STA
Tissue Smears or Cultures	Screening for *Clostridium novyi* type B, *Clostridium septicum* and *Clostridium chauvoei*	BA.017 by FAT using VRMD conjugates	PEN, STA
Processed Animal Protein	Enumeration of *Clostridium perfringens*	Method BA.081 based on ISO15213-2:2023 for the purpose of the Animal By-Products (Enforcement) Regulations 2013	NEW
Processed Animal Protein including raw pet food, animal feed and Compost and Biogas	Enumeration of Enterobacteriaceae <u>Detection</u>	Method No BA.083 based on BS EN ISO 21528:2017 for the purpose of the Animal By-Products (Enforcement) Regulations 2013	NEW
Processed Animal Protein including raw pet food, animal feed, rats, mice and chicks. Compost and Biogas	*Salmonella* spp (confirmed)	Documented In-house methods CBU0252 based on BS EN ISO 6579-1:2017+A1:2020 for the purpose of the Animal By-Products (Enforcement) Regulation (ABPR) 2013 (amended 2015) implementing Regulation (EU) No 142/2011 (as amended)	NEW
Streptococci Cultures	Typing	BA.112 using latex kit	PEN, STA

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMALS, TISSUES, BIOLOGICAL FLUIDS, ANIMAL FEEDS, FOODS, MICROBIAL CULTURES AND ENVIRONMENTAL SAMPLES AS SPECIFIED (cont'd)	**BACTERIOLOGY** (cont'd) <u>Testing</u> (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Intestinal Mucosa (Porcine)	Demonstration of the presence of *Lawsonia intracellularis*	BA. 001 modified ZN staining technique	STA
Tissue Smears	Demonstration of the presence of *Chlamydia psittaci, Brucella* spp and other similarly staining acid-fast organisms	BA.001 by modified Ziehl-Neelsen staining	PEN, STA, THI, SHR, BUR
Tissues	Isolation of *Listeria* spp	BA.172	PEN, STA
Swabs from Birds	Isolation of *Salmonella* spp for export certification	CBU0169 based on Edwards and Ewing (ISBN 0444 009817) using selective media (eg selenite)	BAC2
Brucella Cultures	Classification of *Brucella* spp to species and biovar level	BAC0167, BAC0168, BAC0169, BAC0170, BAC0171, BAC0173	BAC5
Campylobacter Cultures	*Campylobacter* spp - confirmation of speciation and sub-speciation	BAC0089	BAC2, STA
Salmonella Cultures	Antimicrobial surveillance for susceptibility	CBU0020 using disc diffusion based on British Society for Antimicrobial Chemotherapy	BAC2
Salmonella Cultures	Serotyping of *Salmonella* spp	Agglutination tests CBU0001 (somatic antigens), and CBU0005 (flagella antigens), CBU0043, CBU0044, CBU0045, CBU0075, based on Kauffman-White scheme	BAC2

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMALS, TISSUES, BIOLOGICAL FLUIDS, ANIMAL FEEDS, FOODS, MICROBIAL CULTURES AND ENVIRONMENTAL SAMPLES AS SPECIFIED (cont'd)	**BACTERIOLOGY** (cont'd) <u>Testing</u> (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Salmonella Cultures	Differentiation of CEVAC 440 and Avipro (T and E) vaccine strains using auxotrophic and antibiotic resistance markers	CBU0266 minimal media and antimicrobial incorporated agar media and CBU0020 using disc diffusion based on British Society for Antimicrobial Chemotherapy	BAC2
Microbial Cultures, tissues and faeces	Detection of Mycobacteria	BA.562 Kinyoun cold stain for Acid Alcohol Fast Bacilli (AAFB)	LSW, PEN, STA,
Mycoplasma Cultures	Identification of species	BAC0068	BAC5
Animal tissues	Detection of Mycobacteria	TB Diagnosis BA. 608, BA.609, BA.610, BA.611 using solid agar culture, supported by BA.562 manual staining	LSW, STA, PEN
Bovine Faeces	Detection of *Mycobacterium avium* subspecies *paratuberculosis* (MAP)	SOP BA.505 by liquid culture system (Treks Diagnostic)	STA
Salmonella Cultures	Serological identification of *Salmonella* spp	BA.079 using slide agglutination test	BAC2, NEW, PEN, STA, CAR

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMALS, TISSUES, BIOLOGICAL FLUIDS, ANIMAL FEEDS, FOODS, MICROBIAL CULTURES AND ENVIRONMENTAL SAMPLES AS SPECIFIED (cont'd)	**BACTERIOLOGY** (cont'd) <u>Testing</u> (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Composts and Biogas	Isolation and enumeration of β- glucuronidase positive *E. coli*	BA.507 based on BS EN ISO 16649-2:2001 for the purposes of the Animal By Products Regulation 2013 in accordance with EU Animal By Products Regulation 1069/2009 and EU Regulation 142/2011	NEW
DISINFECTANTS FOR VETERINARY USE	<u>Efficacy Testing</u>	Documented In-house Standard Operating Procedures (SOPs)	
	Bactericidal Efficacy	BAC0154 based on BS 6734:1986 & BS 6734:2004	BAC2
	Efficacy against Newcastle Disease Virus Determination of virus titres in a pre-determined disinfectant concentration	QCU0408 using bioassay	PATH
TISSUE AS SPECIFIED	**HISTOLOGY** <u>Testing</u>	Documented In-house Standard Operating Procedures (SOPs)	
Formalin-fixed Animal Central Nervous System	Detection of abnormal prion protein PrP	NEU028 (and supporting SOPs), by staining with H&E and IHC R145 and light microscopy. For compliance with Regulation (EC) 999/2001	PATH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
BIOLOGICAL FLUIDS	**IMMUNOLOGY**	Documented In-house Standard Operating Procedures (SOPs)	
Bovine Plasma	Detection of gamma interferon (IFN-γ) in whole blood culture supernatants	BAC0099, BAC0100 and supported by BAC0266 using Bovigam Gamma ELISA kit (antibody-based capture EIA for IFY-γ)	NEW, CAR, THI
ANIMAL FEED, TISSUES, BIOLOGICAL FLUIDS AND MICROBIAL CULTURES AS SPECIFIED	**MOLECULAR BIOLOGY**		
Animal tissues, swabs, pooled swabs, whole blood, cell supernatants, semen, serum, bulk milk and bacterial cultures	Detection and/or identification of veterinary DNA or RNA	GP.027 Flexible and Fixed Scope Accreditation Management supported by AP.56 (APHA Test Management) Methods developed and validated using endpoint PCR with gel analysis of products and real Time PCR using manual or robotic extraction and test kits	VI1, VI5, VI6, PEN, LSW, BAC
Avian Paramyxovirus Type 1 virus isolate	Nucleotide Sequencing	VI.448 plus supporting SOPs, by Nucleic acid extraction using the Thermofisher 'KingfisherTM Flex and RT-PCR followed by sequencing of purified product using BigDye chain termination method	VI6
Avian Influenza H5 and H7 isolates	Nucleotide Sequencing	VI.545 plus supporting SOPs, by Nucleic acid extraction using the Thermofisher KingfisherTM Flex or manual method and RT-PCR using AriaMX instrumentation.	VI6
Avian Tissues, Swabs and Fluids	Automated Nucleic Acid extraction	VI.718: Automated nucleic acid extraction using Thermofisher Kingfisher Flex Robot and MagMAX CORE purification kit	VI6

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMALS, TISSUES, BIOLOGICAL FLUIDS, ANIMAL FEEDS, FOODS, MICROBIAL CULTURES AND ENVIRONMENTAL SAMPLES AS SPECIFIED (cont'd)	**MOLECULAR BIOLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Avian Tissues, Swabs and Fluids	Manual RNA Extraction	VIR0165: Manual RND extraction using Qiagen viral minikit	VI6
Avian Tissues, Swabs and Fluids	1) Detection of H5 Eurasian influenza virus gene (screening test) 2) Detection of highly pathogenic avian influenza viruses of subtype H5	VI.492 real time RT PCR using the Qiagen OneStep RT-PCR kit and the AriaMX instrumentation	VI6
Avian Tissues, Swabs and Fluids	Detection of viruses of subtype N8 avian influenza virus (AIV)	VI.684 Reverse transcription Realtime (RRT-) PCR using the Qiagen OneStep RT-PCR kit and the AriaMX instrumentation	VI6
Avian Tissues, Swabs and Fluids	Detection of viruses of subtype N1 avian influenza virus (AIV)	VI.555 real time RT- PCR using the Qiagen OneStep RT-PCR kit and AriaMX instrumentation.	VI6
Avian Tissues, Swabs and Fluids	Detection of viruses of subtype N5 avian influenza virus (AIV)	VI.689 Reverse transcription Realtime (RRT-) PCR using the Qiagen OneStep RT-PCR kit and the AriaMX instrumentation	VI6
Avian Tissues, Swabs and Fluids	Detection of viruses of subtypes N6, N7 and N9 avian influenza virus (AIV)	VI.696 Reverse transcription Realtime (RRT-) PCR using the Qiagen OneStep RT-PCR kit and the AriaMX instrumentation	VI6

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMAL FEED, TISSUES, BIOLOGICAL FLUIDS AND MICROBIAL CULTURES AS SPECIFIED (cont'd)	**MOLECULAR BIOLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Avian Tissues, Swabs and Fluids	1) Detection of H7 Eurasian influenza virus gene 2) Determination of low or high pathogenicity (screening tests)	VI.536 real time RT PCR using the Qiagen OneStep RT-PCR kit and the AriaMX instrumentation	VI6
Avian Tissues, fluids and swabs including pooled swabs up to 5 in a pool	Newcastle Disease Virus (APMV-1) L-gene screening	VI.570 by Real-time PCR using the Qiagen Quantifast Probe Kit with MGB probes and the Aria MX instrumentation for the detection of orthoavulvavirus type 1 (AOAV-1) RNA	VI6
Avian Tissues, fluids and swabs including pooled swabs up to 5 in a pool	Detection of influenza A matrix gene (screening test)	VI.493 real time RT PCR Using the QuantiFast Probe RT-PCR kit and the AriaMX instrumentation	VI6, LSW
		VI.659 Preparation and processing of swab pools for detection of influenza A matrix gene and/or APMV-1 L-gene by real-time Taqman® RT-PCR	VI6
Porcine swabs (including pools up to 3) and tissues	Detection of Swine Influenza A matrix gene	VI.568 screening test using the Thermofisher KingfisherTM Flex and real-time Taqman RT-PCR using the Qiagen One-step RT-PCR kit and the AriaMX instrumentation	VI6, LSW
Bovine Tissues	Detection of proviral bovine Leukaemia virus env gene (EBL) (screening test)	VI.454 real-time qPCR using manual extraction with the QIAamp® DNA Mini Kit and amplification using QuantiFast PCR Kit and the Aria Mx instrumentation	VI5

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMAL FEED, TISSUES, BIOLOGICAL FLUIDS AND MICROBIAL CULTURES AS SPECIFIED (cont'd)	**MOLECULAR BIOLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Bovine Blood and Tissues	Detection of bovine leukaemia virus DNA (EBL)	VI.454 RT-PCR using QIAamp® DNA Mini Kit extraction and the AriaMX instrumentation, positive results verified using a conventional PCR and gel Visualisation based on WOAH method.	VI5
DNA product and plasmids	DNA sequencing	MB.026, MB.027 (with or without a product clean up stage) using Life Technologies 3730xl DNA Analyzer and supported by MB.028	LSW
DNA, RNA, Bacterial lysates	Next generation sequencing (NGS) of DNA and reporting sequencing results as FASTQ data files	MB.041 Conversion of RNA to cDNAMB.040, MB.045 NGS using Illumina platform (MiSeq and NextSeq)	LSW
Caprine and Ovine ear samples, EDTA blood and brain tissue	3 codon, 4 codon and Open Reading Frame (ORF) PrP genotyping (Scrapie)	MB.009, MB.0024 supported by MB.002, MB.008, MB.006 For compliance with Regulation (EC) 999/2001	LSW
Animal Tissues, Sera (single and pooled) and bulk milk	Detection of Bovine Viral Diarrhoea Virus (BVDV) RNA	MB.004, by real time Taqman nested RT-PCR using MagMAX CORE Nucleic Acid Purification Kit with the Thermofisher KingfisherTM Flex and AriaMX instrumentation for PCR	PEN
Animal Tissues, Sera (single and pooled) and bulk milk	Border Disease Virus (BDV) RNA	MB.004, by real time Taqman nested RT-PCR using MagMAX CORE Nucleic Acid Purification Kit with the Thermofisher KingfisherTM Flex and AriaMX instrumentation for PCR	PEN
Brain and Central Nervous Tissues, Cattle and Sheep (fresh or frozen)	Detection of abnormal prion protein PrP^{Res}	SE.198, by Bio-Rad TeSeE Western Blot kit	PATH

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMAL FEED, TISSUES, BIOLOGICAL FLUIDS AND MICROBIAL CULTURES AS SPECIFIED (cont'd)	**MOLECULAR BIOLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Central nervous system tissue from sheep, cattle and goats	Detection of abnormal prion protein PrP^{Sc}	PTH0464, by IDEXX HerdChek* Bovine Spongiform Encephalopathy - Scrapie Antigen Test Kit, (EIA) Ultra-short Protocol	PATH
Kidney Tissue (single and pooled) and urine	Detection of pathogenic leptospires	MB.007 by real time PCR using the MagMAX™ CORE Nucleic Acid Purification Kit with the Thermo Fisher KingFisher Flex and Quantitect Mastermix with the AriaMX instrumentation for PCR	PEN
Animal Feed	Detection of ruminant DNA	MB.042 by real time PCR using manual extraction using the Promega Wizard Magnetic DNA purification system and amplification using the Eurogentec qPCR Mastermix kit on AriaMX instrumentation	PATH
Porcine Sera (single and pooled) and tissue	Detection of Porcine Reproductive Respiratory Syndrome Virus (PRRSV-1 and PRRSV-2)	MB.023 real-time RT-PCR using VetMAX™ EU and NA Kit using the KingFisher Flex Purification System and the AriaMX instrumentation for PCR	PEN
Clinical material (tissues, fluids and swabs) and Mycoplasma cultures	Identification of *Mycoplasma* species	SOP BAC0022 (PCR) and BAC0161 (DGGE) with gel electrophoresis supported by manual extraction (BAC0177) or automated extraction (BAC0320)	BAC5
Porcine Blood and tissues	Detection of Classical Swine Fever Virus (CSFV) RNA and African Swine Fever Virus (ASFV) DNA	VI. 565 multiplex real-time Taqman RT-PCR using the QIAamp Viral RNA mini kit extraction and AriaMX instrumentation including Qiagen Virotype® CSF assay	VI5

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMAL FEED, TISSUES, BIOLOGICAL FLUIDS AND MICROBIAL CULTURES AS SPECIFIED (cont'd)	**MOLECULAR BIOLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Semen (equine)	Detection of Equine Arteritis Virus nucleic acid (for disease investigation and export testing)	VI.667 using the real time RT-PCR assay and QIAGEN QIAamp®Viral RNA Mini Kit with the AriaMX instrumentation	VI5
Tissues and Fluids (Animal and Human)	Detection of rabies virus RNA	VIR0183 Pan-Lyssavirus hemi-nested PCR using VIRO179 gel electrophoresis plus supporting SOPs	VI1
Tissues	Lyssavirus: Detection and differentiation of genotypes 1, 5 and 6	VIR0185 using Real time Taqman RT-PCR on the Aria Mx instrumentation	VI1
Tissues	Detection of all Lyssavirus species	VI.656 Lyssavirus SYBR® Green real-time RT-PCR using Aria MX instrumentation	VI1
Bovine, Caprine and Ovine Blood (single and pooled)	Confirmation of the presence of Bluetongue virus DNA	MB.025 Virus extraction and RT-qPCR using the Hofmann Assay with MagMAX ™ CORE Nucleic Acid	LSW
Bull and Sheep Semen	Detection of Schmallenberg virus	VI.661 nucleic acid extraction using TRIzol and MagMax Core Kit and detection using TaqMan RT-PCR on Aria Mx instrumentation	VI5
Sequence Data derived from Whole Genome Sequencing of *Mycobacterium* bovis isolates	Assignment of sequence cluster using whole genome sequencing (WGS) of *Mycobacterium bovis* isolates	Generation of whole genome sequence (WGS) data using Illumina platform – MB040 Use of inhouse bioinformatics pipeline, to assign a Mycobacterium bovis sequence cluster to an isolate based upon the WGS data – MB048	LSW

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMAL FEED, TISSUES, BIOLOGICAL FLUIDS AND MICROBIAL CULTURES AS SPECIFIED (cont'd)	**MOLECULAR BIOLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Escherichia coli isolates	Detection of *E. coli* serogroups O157, O26, O55, O103, O111 and O145	BAC0466 Real-Time PCR using DNA extraction from boilates and amplification using the QuantiTect Multiplex PCR NoROX Master Mix and the AriaMx thermocycler	BAC3
Escherichia coli isolates	Detection of STEC virulence genes (*eae*, *stx1* and *stx2* genes)	BAC0467 Real-Time PCR using DNA extraction from boilates and amplification using the QuantiTect Multiplex PCR NoROX Master Mix and the AriaMx thermocycler	BAC3
Salmonella spp. isolates	Assignment of sequence cluster using whole genome sequencing (WGS) of *Salmonella* spp. serotypes	DNA extraction using BAC0426, generation of WGS data using Illumina platform by method MB040 and serotyping of Salmonella spp. Using BAC0429	BAC3
Salmonella cultures	Semi-automated genomic DNA extraction suitable for Whole genome sequencing	BAC0426 using Thermo Scientific Kingfisher Instruments and kits by Illumina NGS sequencers	BAC2, BAC3
Brucella spp cultures	Confirmation of *Brucella* spp. culture material	BAC0416 Quantitative PCR using Taqman mastermix and AriaMx instrumentation	BAC5
Pooled Swabs	Detection of *Taylorella equigenitalis*	MB.012 by real time Taqman PCR using AriaMx instrumentation	PEN

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND MICROBIAL CULTURES AS SPECIFIED	**MYCOLOGY**	Documented In-house Standard Operating Procedures (SOP's)	
Microbial Cultures	Detection of *Dermatophilus* sp	BA.034 using Methylene blue stain	PEN, STA
Skin	Isolation and identification of *Dermatophilus congolensis*	MY.006 culture supported by BA.034 Methylene Blue staining	PEN, STA
ANIMALS, TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED	**PARASITOLOGY** *Indicates analysis performed under Food Standards Agency designated as an Official Laboratory (monitoring), and ** National Reference Laboratory in accordance with assimilated European law AEUL OCR 2017/625	Documented In-house Standard Operating Procedures (SOP's)	
Blood	Detection of *Babesia gibsoni*	PAR0005 by Giemsa stain	LSW
Blood	Detection of *Dirofilaria immitis* microfilariae (Canine and Feline Heartworm)	PAR0081 by filtration	CAR
Whole blood and smears, canine and equine	Detection of *Trypanosoma spp.*	PA.082 Examination of blood smears using Giemsa stain	LSW
Faeces/Gastro-intestinal Contents	Detection of *Cryptosporidium*	PA.001 by modified Ziehl-Neelsen stain	PEN, CAR, STA
Faeces/Gastro-intestinal Contents	Detection of Lungworm larvae	PA.008 using the Baermann technique	CAR
Faeces/Gastro-intestinal Contents	Estimation of Nematode egg and coccidial oocytes load	PA.011 by improved modified McMaster technique	CAR, PEN, THI, BUR, SHR
Faeces/Gastro-intestinal Contents	Detection of Fluke eggs	PA.026 by sedimentation	CAR

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMALS, TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**PARASITOLOGY** (cont'd) *Indicates analysis performed under Food Standards Agency designated as an Official Laboratory (monitoring), and ** National Reference Laboratory in accordance with assimilated European law AEUL OCR 2017/625	Documented In-house Standard Operating Procedures (SOP's)	
Faeces/Gastro-intestinal Contents	Composite worm egg count	PA.070 for monitoring	CAR
	Estimation of nematode eggs and coccidial oocysts load in Camelids	PA.075 by improved modified McMaster technique	CAR
Ruminant Alimentary Tract	Worm counting	PA.028 by filtration	CAR
Ruminant Alimentary Tract	Preparation of alimentary tract sample for worm counting	PA.028 by filtration	CAR, PEN, STA, THI, BUR, SHR
Serum	Demonstration of *Toxoplasma* infection	PA.006 using Latex agglutination test	LSW
Wool, Hair and Feathers	Detection of Ectoparasites	PA.005 by direct microscopy	CAR
Pig, Wild boar, Horse Muscle Tissues (individual / pooled)	Detection of *Trichinella spiralis*/**	PARA 050 by rapid heated muscle digest	YOR
Fish tissue (fresh, frozen and lightly prepared)	Detection of Anisakidae L3 larvae **	PARA 052 by artificial digestion method based on BS EN ISO 23036-2:2021	YOR
Faecal Samples	Detection of *Echinococcus***	PARA .026, PARA.027 and PARA .029 by DNA Lyse and Extraction Amplification of cestode DNA using primers in multiplex PCR	YOR

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMALS AS SPECIFIED	**POST-MORTEM** <u>Sampling and Examination</u>	Documented In-house Standard Operating Procedures (SOP's)	
Mammalian and Avian Species	Necropsy procedures on carcasses to collect tissue samples for diagnostic examination	PM.016 general necropsy procedures	BUR, CAR, LAS, PEN, SHR, STA, THI
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED	**SEROLOGY**	Documented In-house Standard Operating Procedures (SOP's)	
Blood or Serum (animal and human)	Detection of Rabies antibodies	1) VI.055 by FAVN, based on the WOAH Standard Method	VI1
		2) VI.723 by FAVN based on WOAH standard using Cytation 5 hybrid multimode microplate reader	VI1
Blood, Ovine or Caprine	Detection of *Chlamydia abortus*	SE.010 by Complement Fixation Test	LSW
Serum (porcine)	Detection of antibodies to African Swine Fever Virus	SE.205 using Ingezim PPA Compac blocking ELISA	LSW
Serum (equine)	Detection of antibodies to African Horse Sickness Virus	SE.206 using Ingezim Compac PLUS blocking ELISA	LSW
Serum, plasma, whole blood and milk (individual and bulk samples)	Detection of antibody or antigen to veterinary pathogens (Capture or Competitive)	GP.027 Flexible and Fixed Scope Accreditation Management supported by AP.056 (APHA Test Management) using ELISA test kits with automated or manual processing	LAS, NEW, LSW, BAC, VI2
Bovine Serum	Detection of Antibodies to *Mycoplasma bovis*	BAC0112 using in-house indirect ELISA	LSW, BAC5
Milk (individual or bulk samples)	Detection of antibodies to *Brucella abortus*	BAC0021 using in-house indirect ELISA	BAC5

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**SEROLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOP's)	
Bovine Milk (bulk)	Detection of antibodies to Brucella abortus	SE.254 using IDEXX indirect ELISA	LSW
Serum	Detection of antibodies to Enzootic Bovine Leucosis Virus	1) SE.003 using IDEXX indirect ELISA	LSW
		2) VI.119 using agar gel Immunodiffusion (AGIDT) using IDEXX kit	LSW
Serum	Detection of antibodies to Infectious Bursal Disease	SE.143 by AGIDT	LAS
	Detection of antibodies to Fowl Pox virus	SE.151 by AGIDT, for international trade and diagnostic purposes	LAS
	Detection of Maedi Visna virus antibody	SE.004 using AGIDT	LSW
	Brucella abortus / melitensis / suis, screening	BA.010 using Rose Bengal Plate Test	LSW, PEN, STA, BAC5
	Detection of:		
Serum	*Brucella abortus* / *melitensis* / *suis*	1) BA.265 using serum agglutination	LSW
		2) BA.266 using complement fixation	LSW
		3) BA.199 using in-house indirect ELISA	LSW

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**SEROLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOP's)	
	Detection of antibodies to Brucella ovis	BA.267 using complement fixation	LSW
	Brucella canis	BA.268 by serum agglutination	LSW
Serum (cont'd)	Erysipelas	BA.125 using microtitre serum agglutination test	LSW
Camelid and Deer Serum	Detection of antibodies to *Mycobacterium bovis*	BAC0363 using a modified indirect IDEXX Mycobacterium bovis Antibody ELISA, changing the second antibody to Protein-G-HRP	STA
Bovine serum	Detection of antibodies to *Mycobacterium bovis*	BAC0398 using indirect IDEXX Mycobacterium bovis Antibody ELISA	STA
Serum	*Mycoplasma M. mycoides Capri / M. capricolum*	BA.269 by Complement Fixation Test	LSW
	Mycoplasma mycoides mycoides SC *M. capripneumoniae*	BA.270 by Complement Fixation Test	LSW
	Mycoplasma agalactiae	BA.275 by in-house indirect ELISA	LSW
Serum	*Mycoplasma gallisepticum M. meleagridis M. synoviae*	SE.075 by rapid slide agglutination	LSW
	Detection of antibodies to exotic mycoplasmas	BAC0023 by immunoblot	BAC5
	Mycobacterium paratuberculosis	SE.064 by Complement Fixation Test	LSW
	Burkholderia (*Pseudomonas*) *mallei*	SE.060 by Complement FixationTest	LSW

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**SEROLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOP's)	
Equine Serum Porcine Serum	Equine rhinopheumonitis *Actinobacillus pleuropneumoniae*, types 2, 3, 6 and 8	SE.065 by complement fixation SE.071 by complement fixation	LSW LSW
Bovine Serum Avian Serum	*Histophilus somni* *Salmonella pullorum/gallinarum*	SE.073 by complement fixation 1) SE.091 by rapid slide agglutination 2) SE.093 by tube agglutination	LSW LSW LSW
Bovine, Ovine, Equine, Porcine, Caprine Serum	*Salmonella abortus ovis* *S. typhimurium* *S. abortus equi*	SE.068 by serum agglutination	LSW
	Detection of:		
Serum	*Trypanosoma equiperdum*	1) SE.095 by complement fixation 2) PA.058 by indirect fluorescent antibody	LSW LSW
	Theileria equi & *Babesia caballi* (Piroplasmosis)	PA.054 by indirect fluorescent antibody	LSW
	Babesia canis	PA.141 by indirect fluorescent antibody	
	Eherlichia canis	PA.059 by indirect fluorescent antibody	LSW
(Canine Serum)	*Dirofilaria immitis* (Heartworm)	PA.062 using IDEXX antigen capture ELISA	LSW
(and foetal fluids)	Porcine parvovirus	VI.006 by haemagglutination inhibition	LSW

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**SEROLOGY** (cont'd) Detection of: (cont'd)	Documented In-house Standard Operating Procedures (SOP's)	
Serum (cont'd)	Porcine reproductive and respiratory syndrome	VI.040 using IDEXX PRRS indirect ELISA	LSW
	Equine viral arteritis antibody detection (screening test)	VI.056 using serum neutralisation	LSW
	Bovine herpes mammillitis	VI.084 using serum neutralisation	LSW
	Talfan/Teschen	VI.086 using serum neutralisation	LSW
	Haemagglutinating encephalomyelitis (porcine)	VI.087 using serum neutralisation	LSW
	Detection of antibodies to Transmissible gastroenteritis/porcine respiratory coronavirus	1) VI.088 using serum neutralisation	LSW
		2) VI.091 using Ingenasa differential blocking ELISA	LSW
	Classical Swine Fever Virus (CSFV) antigen	SE.203 using IDEXX anitgen capture ELISA	LSW
	Deer herpes virus	VI.107 using serum neutralisation	LSW
	Encephalomyocarditis virus	VI.108 using serum neutralisation	LSW
	Aujeszky's disease	1) 1) VI.114 using Svanova ADV gB blocking ELISA	LSW
		2) 2) VI.113 using IDEXX PRV/ADV gE blocking ELISA (Confirmation)	LSW

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**SEROLOGY** (cont'd) Detection of: (cont'd)	Documented In-house Standard Operating Procedures (SOP's)	
Serum (cont'd)	Equine infectious anaemia	VI.120 by agar gel immunodiffusion 1) Synbiotic Lab-EZ/EIA AGIDT kit (existing kit) 2) ID. Vet AGIDT kit 3) VMRD AGIDT kit	LSW
	Avian influenza virus antibody	VI.322 by AGIDT	VI6
	Avian reticuloendotheliosis virus	VI.225 using indirect IDEXX REV Ab ELISA	LAS
Serum	Big liver and spleen antibody	SE.144 by AGIDT	LAS
Serum, Avian	Antibodies to Egg Drop Syndrome virus, IBV virus, Paramyxoviruses or Orthomyxovirus	VI.441, by HAIT	VI6, LAS, LSW
Serum, Bovine	*Leptospira hardjo* antibodies	SE.227 using Prionics indirect ELISA	LSW
	Bovine Virus Diarrhoea (BVD) Antibody	VI.092 by serum neutralisation	LSW
Serum, Ruminant (Bovine and Ovine)	Antibodies to Bluetongue Virus	SE.190 using IDVET competitive ELISA (confirmation)	LSW
Serum and Plasma, Bovine	Infectious Bovine Rhinotracheitis Virus (BHV1) Detection of: (cont'd)	SE.226 using IDEXX IBRgB competitive ELISA	LSW
Serum and Egg Albumin	Avian leukosis virus antibody and antigen	VI.221 (antibody) and VI.222 (antigen) by IDEXX ELISA	LAS

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**SEROLOGY** (cont'd) Detection of: (cont'd)	Documented In-house Standard Operating Procedures (SOP's)	
Serum and Other Body Fluids (cont'd)	*Leptospira* antibodies - multiple serovars: a) *L. canicola*, *copenhageni*, *bauum* b) *L. pomona*, *mozdoc*, *tarassovi*, *grip* c) *L. australis*, *bratislava*, *autumnalis* d) *L. hebdomadis*, *mini*, *sejroe* e) *L. javinica*, *bataviae*, *zanoni* f) *L. hardjo prajitno*, & *hardjo bovis*	BA.272 by microscopic agglutination	LSW
Serum	Detection of antibodies to Classical Swine Fever Virus	VI.096 using IDEXX blocking ELISA or Prionics complex blocking ELISA	LSW
Serum and Other Body Fluids	*Leptospira* antibodies - single serovars: *L. australis* *L. autumnalis* *L. ballum* *L. bataviae* *L. Bratislava* *L. canicola* *L. copenhageni* *L. grippotyphosa* *L. hardjo bovis* *L. hebdomadis* *L. icterohaemorrhagiae* *L. javanica* *L. mini* *L. mozdoc* *L. Pomona* *L. tarassovi* *L. zanoni* *L.sejroe* *L.prajitno* *L.poi*	BA.273 by MAT	LSW

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**SEROLOGY** (cont'd) Detection of: (cont'd)	Documented In-house Standard Operating Procedures (SOP's)	
Serum (cattle, sheep, goats and pigs)	*Brucella* antibodies	BAC0014 using in-house competitive ELISA	LSW, BAC5
Serum, Equine	Antibodies to *Theileria. equi* and *Babesia caballi* (Piroplasmosis)	SE.228 using VMRD competitive ELISA	LSW
Serum, Porcine	Classical Swine Fever antibodies	VI.452, by neutralisation of viruses and cytopathogenicity testing in tissue culture	VI5
Serum, plasma, ear tissue and Whole blood	Detection of Bovine Viral Diarrhoea Virus (BVDV) antigen	SE.199 using IDEXX HerdCheck BVDV antigen ELISA	LSW
Serum, Caprine and Ovine	Detection of antibodies to caprine arthritis encephalitis virus (CAEV) or Maedi-visna virus (MVV).	SE.241 using VMRD competitive ELISA	LSW
Serum and plasma, Porcine	Detection of antibodies to Swine Vesicular Disease Virus (SVDV) SE.236 by PrioCHECK cELISA	SE.236 using PrioCHECK competitive ELISA	LSW
Serum, Bovine, Caprine and	Ovine Detection of antibodies to *Coxiella burnetii* (Q Fever)	SE.201 using PrioCHECK indirect ELISA	LSW
Blood and serum, cloven-hoofed animals	Detection of antibodies to Foot and Mouth Disease (FMDV) serotype specific antibodies to ASIA 1, Type A and Type O	SE.252 using PrioCHECK blocking ELISA	LSW
	Detection of antibodies to structural proteins of Foot and Mouth Disease (FMDV)	SE.148 using in-house Solid Phase Competition ELISA (SPCE)	LSW
	Detection of antibodies to non-structural proteins of Foot and Mouth Disease (FMDV)	SE.251 using PrioCHECK or IDvet NSP ELISA	LSW

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**SEROLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOP's)	
Serum, Bovine and small ruminants	Detection of antibodies to *Mycobacterium avium* spp *paratuberculosis* (MAP)	BA.274 using IDEXX indirect ELISA	LSW
Serum, canine and equine	Detection of antibodies to *Trypanosoma evansi*	PA.083 Card agglutination test (CATT)	LSW
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED	**VIROLOGY**	Documented In-house Standard Operating Procedures (SOPs)	
Viral isolates	Detection of Avian Influenza virus	VI.437, pathogenicity test	VI6
	Detection of Newcastle Disease virus	VI.438, pathogenicity test	VI6
Avian Tissue and Body Fluids	Isolation and detection of viruses	1) VI.443, by cell culture	VI6
		2) VI.444, by inoculation of the allantoic cavity of embryonated eggs	VI6
Bovine Serum	Detection of Infectious Bovine Rhinotracheitis (IBR) virus	1) VI.085 by serum neutralisation (24 hr)	LSW
		2) VI.035 using IDEXX Chekit TrachiTest ELISA	LSW
Bovine Serum	Detection of Parainfluenza 3 Virus (PI3)	VI.037 using in-house ELISA	LSW
Bovine Serum	Detection of Respiratory Syncytial Virus (RSV)	VI.036 using in-house ELISA	LSW
Brain Tissue	Detection of Rabies	VIR0190, by fluorescence microscopy	VI1

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TISSUES AND BIOLOGICAL FLUIDS AS SPECIFIED (cont'd)	**VIROLOGY** (cont'd)	Documented In-house Standard Operating Procedures (SOPs)	
Equine Semen	Isolation and detection of Equine Viral Arteritis (EVA) virus (confirmatory test)	VI.485, by cell culture and immunoperoxidase (IPX) staining	VI5
Porcine Tissues	Isolation and detection of Pestiviruses	VI.449 strain typing, isolation and detection of Classical Swine Fever (CSF) virus isolation by cell culture	VI5
Porcine Tissues	Isolation and detection of Porcine Teschovirus Encephalomyelitis virus (Teschen/Talfan)	VI.531 by cell culture and immunoperoxidase (IPX) staining based on WOAH method	VI5
Porcine Tissues, Fluids and Swabs	Isolation of Aujeszky's disease virus	VI.511 by cell culture and immunoperoxidase (IPX) staining based on WOAH method	VI5
Semen	Detection of Bovine Viral Diarrhoea virus	VI.117 isolation and Immunoperoxidase (IPX) staining	LSW
Tissues and Body Fluids	Isolation and detection of Rabies virus	VIR0178, by tissue culture and fluorescence microscopy	VI1
Virus Isolates	Detection and identification of Mammalian Influenza Virus	VIR0206 Haemagglutination inhibition	VI6
Serum			LSW, VI6
		VIR0272 Virus isolation by inoculation of embryonated eggs	VI6
Equine Serum and Whole Blood	Detection of IgG antibody	VI.687 using IDVET competition ELISA	VI2
Equine Serum and Whole Blood	Detection of IgM antibody	VI.688 using IDVET capture ELISA	VI2

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
RESULTS OF DIAGNOSTIC TESTS AND POST-MORTEM EXAMINATIONS, as detailed in this Schedule	**OPINIONS AND INTERPRETATIONS** Diagnosis for the control and prevention of disease in farm animals, either single or multiple	Documented In-house procedures	
END			