



STS Directory

Accreditation number: STS 0143

International standard: ISO/IEC 17025:2017
Swiss standard: SN EN ISO/IEC 17025:2018

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Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 20.03.2024

Testing laboratory for veterinary laboratory methods and microbiological examination of food

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
MICROBIOLOGY Swabs, solid and liquid samples all animal species	Cultural isolation of bacteria/ microscopy /Biotyping/ Mass spectrometry Detection of pathogenic bacteria and fungi;	According to the ref. 1) 2) QA-T13 Commercial method, Vitek 2 QA-T55 Commercial method MaldiTOF MS QA-T56



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Milk all animal species	Detection of mastitis pathogens bacteria and fungi;	According to the ref. 1), 2) QA-T18 Procedure on basis of Vitek 2 QA-T55 Procedure on basis of MaldiTOF MS QA-T56
Bacterial and yeast isolates	Mass spectrometry Identification of bacteria and fungi	Maldi Biotyper Microflex, Bruker, QA-T56
Bacteria isolates	Disk diffusion test susceptibility test	Standard method based on Kirby- Bauer QA-T21
Bacteria isolates	Minimum Inhibitory Concentration susceptibility test	Commercial method on the basis of Vitek QA-T53
FOOD	Cultural isolation /Microscopy	
Foodstuffs Feeding stuff Sample of environment	Enumeration of aerobic mesophile germs	According to the ISO guideline 4833: 2013 QA-T35
	Enumeration of <i>Clostridium</i> <i>perfringens</i> on selective media	According to the ISO guideline 7937: 2004 QA-T37
	Enumeration of <i>Enterobacteri-</i> <i>aceae</i> on selective media	According to the ISO guideline 21528-2: 2019 QA-T38
	Enumeration of coagulase-positive staphylococci on selective media	According to the ISO guideline 6888: 2017 QA-T39



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Drinking water	Detection of Salmonella use of liq- uid and solid selective media	According to the ISO guideline 6579-1: 2020 QA-T40
	Detection of <i>Listeria</i> <i>monocytogenes</i> use of liquid and solid selective media	According to the ISO guideline 11290-1: 2017 QA-T41
	Enumeration of <i>Listeria monocyto-</i> <i>genes</i> on selective media	According to the ISO guideline 11290-2: 2017 QA-T42
	Enumeration of yeasts and moulds on selective media	According to the ISO guideline 21527-1: 2008, QA-T44
	Enumeration of <i>Escherichia coli</i> on selective media	according to the ISO guideline 16649: 2020 QA-T45
	Enumeration of <i>Bacillus cereus</i> on selective media	According to the ISO guideline 7932:2020 QA-T46
	Enumeration of aerobic mesophile germs	According to the ISO guideline 6222: 1999 QA-T36
	Enumeration of <i>Enterococci</i> on se- lective media	According to the ISO guidelines 7899-2: 2000 QA-T43
	Enumeration of <i>Escherichia coli</i> and coliforms	According to the ISO guideline 9308: 2017 QA-T49
Foodstuffs Feeding stuff Sample of environment	MPN-method Enumeration of bacteria, moulds and yeast	According to Tempo® by BioMé- rieux QA-P34
	Enzyme-linked Fluorescent As- say Detection of Salmonella and <i>Lis-</i> <i>teria monocytogenes</i>	According to mini-VIDAS® by Bio- Mérieux QA-T51, QA-T52



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Meat and organs of slaughtered animals	Cultural isolation Cultural isolation of pathogens bacteria, detection of antibiotic residues Detection of antibiotic residues (four-plate tests)	General and selective media ac- cording to the BLV information of 2017 QA-T32 EEC four-plate tests according to BLV information of 2017 QA-T33
Milk Animals of all species	standard diffusion test Detection of antibacterial sub- stances	Microbiological method DELVO- Test QA-T20
Placenta Ruminants	Microscopy Bacteria (Brucella) and fungi	According to lit. 1) 3) QA-T15
Urine Animals of all species	Sediment cells	Own procedure According to the lit. 4) QA-T14
Urine Animals of all species	Reflectometry dry chemistry (test strip)	Commercial method QA-T14
Urine, punctate Animals of all species	Refractometry density	Standard method based on refrac- tometer QA-T14. QA-T159
Honeycomb, bee larva	Microscopy Detection of American Foulbrood (<i>Paenibacillus larvae larvae</i>)	According to lit. 8) QA-T17
Honeycomb, bee larva	Detection of European Foulbrood (<i>Melissococcus pluton</i>)	According to lit. 8) QA-T17



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PARASITOLOGY		
Meat Swine, horse, wild boar, badger, nutrias	digestion method Detection of <i>Trichinella larvae</i> in muscles	Standard method according to the ISO guideline 18743:2023 QA-T156
Honeycombs	Microscopy <i>Varroa jacobsoni</i> (mites)	According to the O.I.E. manual QA-T154
HISTOPATHOLOGY		
Organs	Microscopy Recognition of pathological methodes on stained slides of tissue samples.	According to lit. 5) 6) QA-V42
Blood smears, bone marrow smears, lavage, cerebrospinal fluid, punctate	Cytological examination	Adapted in-house method about the ref. 5) and 6) QA-T158
SEROLOGY		
Serum, plasma, milk bovine	Enzyme Linked Immuno Assay (ELISA) Detection of antibodies against IBR/IPV-virus	Commercial method QA-T59
Serum, plasma bovine	Detection of antibodies against EBL-Virus	Commercial method QA-T60
Serum, plasma ruminants	Detection of antibodies against <i>Brucella abortus/melitensis</i>	Commercial method QA-T61
Serum, plasma bovine	BVD Detection of antibodies	Commercial method QA-T180
Serum, plasma, skin biopsy bovine	BVD Detection of viral antigen	Commercial method QA-T63
Serum, plasma bovine	Detection of early pregnancy-associated glycoproteins (early PAGs)	Commercial method QA-T73



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Milk bovine, small ruminants	Detection of early pregnancy-associated glycoproteins (early PAGs)	Commercial method QA-T77
Serum, plasma, egg yolk chicken	Detection of antibodies against <i>Salmonella enteritidis</i>	Commercial method QA-T64
Serum, plasma goat	Detection of antibodies against caprine arthritis encephalitis virus (CAE)	Commercial method QA-T65
Serum, plasma sheep	Detection of antibodies against maedi visna virus (MVV)	Commercial method QA-T65
Serum, plasma sheep	Detection of antibodies against <i>Brucella ovis</i>	Commercial method QA-T66
Serum, plasma swine	Detection of antibodies against Pseudorabies-virus (Aujeszky)	Commercial method QA-T67
Serum, plasma swine	Detection of antibodies against PRRS-virus	Commercial method QA-T71
Serum, Plasma, Milch bovine, small ruminants	Antibodies against <i>Mycobacterium paratuberculosis</i>	Commercial method QA-T70
Serum, plasma bovine, small ruminants	Detection of antibodies against bluetongue virus	Commercial method QA-T72
Serum, plasma bovine, small ruminants	Detection of antibodies against <i>chlamydia</i>	Commercial method QA-T68
Serum, plasma bovine, small ruminants	Detection of antibodies against <i>Coxiella burnetii</i>	Commercial method QA-T69
Serum, plasma dog	Detection of antibodies against <i>Borrelia burgdorferi-C6</i> (qualitative)	Commercial method QA-T160
Serum, plasma dog	Detection of antigen against <i>Dirofilaria immitis</i>	Commercial method QA-T160
Serum, plasma dog	Detection of antibodies against <i>Anaplasma phagocytophila/platys</i>	Commercial method QA-T160
Serum, plasma dog	Detection of antibodies against <i>Ehrlichia canis/ewingii</i>	Commercial method QA-T160
Serum dog and cat	Detection of antibodies against Canine/feline Pankreaslipase Immunoreaktivität (PLI)	Commercial method QA-T74



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Serum horse	complement-enzyme linked immuno sorbent assay (cELISA) Detection of antibodies against Piroplasmose	Commercial method QA-T58
Serum, plasma horse	Agar gel immunodiffusion test (AGID) Detection of antibodies against EIA-virus (Coggin's-test)	Commercial method QA-T82
Serum horse	complement fixation test (CFT) Detection of antibodies against <i>Trypanosoma equiperdum</i> (Dou- rine)	Standard method, according to the O.I.E. QA-T90
Serum horse, donkey	Detection of antibodies against Piroplasmosis (<i>B. caballi</i> , <i>B. equi</i>)	Commercial method QA-T91
Serum horse, donkey	Detection of antibodies against <i>Pseudomonas mallei</i> (Glanders)	Standard method, according to the O.I.E. QA-T92
Serum dog	Rapid agglutination test Detection of antibodies against <i>Brucella canis</i>	Commercial method QA-T94
Serum, wild and domestic animals	Detection of antibodies against <i>Brucella abortus</i> , <i>melitensis</i> , <i>suis</i>	Commercial method according to Rose-Bengal QA-T95
Serum, plasma horse	Immunofluorescent antibody test (IFAT) Detection of antibodies against Babesiosis (<i>B. caballi</i> , <i>B. equi</i>)	Commercial method QA-T103
Serum, plasma dog, horse	Detection of antibodies against <i>Anaplasma phagocytophilum</i>	Commercial method QA-T104
Serum, plasma cat	Detection of antibodies against Fe- line peritonitis (FIP)	Commercial method QA-T105



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Serum, plasma dog, bovine	Detection of antibodies against <i>Neospora caninum</i>	Commercial method QA-T106
Serum, plasma dog	Detection of antibodies against canine adenovirus (CAV)	Commercial method QA-T177
EDTA blood dog, cat	Immunochromatography Detection of immunoglobulin (coombs test)	Commercial method QA-T108
HÄMATOLOGY		
Blood Animals of all species	Fluorescence flow cytometry Laser optical cell counting method with chemical and / or electrical re- sistance measurement and photo- metric determination Red and white blood cells - RBC count - Hematocrit - Haemoglobin - MCV - MCH - MCHC - WBC count - thrombocytes - reticulocytes	Standard method Sysmex QA-T157
Blood birds, reptils	Photometry Haemoglobin	Standard method HemoCue QA-P51
Blood Animals of all species	Microscopie/manual cell count Blood cells Microscopy	Own method according to the ref. 4), 7) QA-T146, QA-T147, QA-T148, QA-T149



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blood smear Animals of all species	Differential blood count Direct microscopy of blood para- sites	Standard method according to the ref. 4), 7) QA-T150
CLINICAL CHEMISTRY		
Serum, plasma, urine Animals of all species	Photometric Endpoint test methods Kidney and liver parameters, elec- trolytes, trace elements	Automatic analyser, AU QA-T1, QA-T6
Serum, plasma, urine, liquor Animals of all species	2-points end method	Automatic analyser, AU QA-T5
Serum, plasma, Animals of all species	Kinetic Enzyme determinations	Automatic analyser, AU QA-T2, QA-T4
Serum Cat, horse, dog	Turbidimetry Inflammatory parameters	Automatic analyser, AU QA-T10, QA-T11
Serum Dog, cat, horse	Enzym linked immunosorbent Assay Hormones, drugs, kidney parame- ters	Automatic analyser, AU QA-T7, QA-T8, QA-T9
Serum, urine animals of all species	ion-selective electrode (ISE) Electrolytes	Automatic analyser, AU QA-T3
Serum, urine, plasma dog, horse, cat	Solid-phase competitive chemiluminescent immunoassay Hormones, vitamins, enzymes	automatic analyser, Immulite QA-T12



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Bloodcoagulation	Coagulometry	
Citrated plasma dog, cat, horse	coagulation parameters	Standard method START Max QA-T52
PCR	Realtime PCR	
EDTA, blood, fibrous tissue ruminants	Bluetongue virus	Commercial method QA-T110
Faeces, faecal swob, biopsy material swine	<i>E. coli</i> Typisierung (F4 K88, F5 K99, F6 987P, F18ab adhesin, Stx2e, Intimin, Adhesin BFP)	Commercial method QA-T114
Swob of nose, throat and oral mucosa, milk, bronchial lavage (BAL), Sperm, biopsy material bovine	<i>Mycoplasma bovis</i>	Commercial method QA-T115
Swob of nose, throat and oral mucosa, bronchial lavage (BAL) bovine	BPIV3 (bovines Parainfluenza-Virus Typ3)	Commercial method QA-T116
Swob of nose, throat and oral mucosa, bronchial lavage (BAL), biopsy material bovine	BRSV (bovine respiratory syncytial virus)	Commercial method QA-T117
Faeces, faecal swob, biopsy material (intestine) swine	<i>Brachyspira hyodysenteriae</i>	Commercial method QA-T119
Faeces, faecal swob, biopsy material (intestine) swine	<i>Isospora suis</i>	Commercial method QA-T121
Faeces, faecal swob, biopsy material (intestine) Swine, horse	<i>Lawsonia intracellularis</i>	Commercial method QA-T122
Faeces, Biopsy material (intestine) swine	<i>Clostridium perfringens</i> Typisierung (enterotoxin A (CPEA) toxin B (CPB), toxin B2 (CPB2), enterotoxin E (CPE)	Commercial method QA-T123
Urine, EDTA, serum, aqueous humor (horse), liquor, biopsy material (kidney) Animals of all species	<i>Leptospira spp.</i>	Commercial method QA-T125



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Milk, tank milk bovine	<i>Staphylococcus aureus</i> Genotyp B	Procedure Acroscope, Sartori QA-T129
Swob of nose, swob of abscess, nasal passage rinsing, pus from lymph nodes horse	<i>Streptococcus equi subspecies equi</i> (<i>Strep. equi equi</i>)	Commercial method QA-T130
Swob of nose or throat, bronchial lavage (BAL), biopsy material, swob oral mucosa (laboratory rodents), faeces horse	Group C Streptococcus (strangles) (<i>Strep. zooepidemicus</i> , <i>Strep. dysgalactiae</i> sp. <i>equisimilis</i>)	Commercial method QA-T131
Serum, plasma, ear biopsie bovine	BVDV (Bovine Virus Diarrhoe Virus)	Commercial method QA-T133
Biopsy material (cardiac, cardiac muscle), abort tissue bovine, sheep, goat	<i>Neospora caninum</i>	Commercial method QA-T134
Swob* (cervical, vaginal, placental), milk, vaginal mucus, amniotic fluid, organs (placenta, fetal tissue) bovine, sheep, goat	<i>Coxiella burnetii</i>	Commercial method QA-T135
Organs (placenta, fetus), swob (cervical, vaginal, placental) fetal fluid, vaginal mucus, milk, bovine, sheep, goat	<i>Chlamydia abortus</i>	Commercial method QA-T137
Faeces, sock sample bovine, goat	<i>Mycobacterium avium subspecies paratuberculosis</i> (MAP)	Commercial method QA-T138
dry swab (claw swab) ruminants	<i>Dichelobacter nodosus</i>	Standard method according to the ref. 10) QA-T163
swab, EDTA, tissue, abortion, secretion, cerebrospinal fluid, amniotic fluid horse	Equine herpes virus EHV1	Commercial method QA-T178
swab, EDTA, tissue, abortion, secretion, cerebrospinal fluid, amniotic fluid horse	Equine herpes virus EHV2	Commercial method QA-T179

In case of contradictions in the language versions of the directories, the German version shall apply.



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Abbreviation	Signification
BLV	Federal Food Safety and Veterinary office
BVD	Bovine Virus Diarrhoe
EBL	Encootice Bovine Leucosis
ELISA	Enzyme Linked Immuno Assay
O.I.E.	Office international des épizooties (World Organisation for Animal Health)
PCR	Polymerase chain reaction

References

(national, international standards, In-house test methods)

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