



## STS Directory

## Accreditation number: STS 0143

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

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Current accreditation: 16.01.2021 to 15.01.2026  
Scope of accreditation see: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

### Scope of accreditation as of 16.01.2021

#### Testing laboratory for veterinary laboratory methods and microbiological examination of food

Group of products or materials, field of activity	Principle of measurement <sup>2)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
<b>MICROBIOLOGY</b>	<b>Cultural isolation of bacteria</b>	
Genital swabs Animals of all species	General and selective media, biochemical and microscopic characterization	According to the ref. 1) Vitek 2 (BioMérieux) QA4201a
Genital swabs horse	Contagious horse metritis (CEM), <i>Taylorella equigenitalis</i> General and selective media, biochemical and microscopic characterization	According to the O.I.E. manual QA4201a
Animals of all species:	General and selective media, biochemical and microscopic characterization	According to the ref. 1) Vitek 2 (BioMérieux)



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Ocular swabs		QA4201a
Ear swabs		QA4201a
Respiratory swabs		QA4201a
Cerebro Spinal Fluid Brain specimen		QA4201a
Abscess material Organs		QA4201a
Urine		QA4201a
Faeces		QA4201a
Blood		QA4201a
Foodstuffs Feeding stuff Sample of environment	Enumeration of aerobic mesophile germs on selective media	According to the ISO guideline 4833:2013 QA4232a
	Enumeration of <i>Clostridium perfringens</i> on selective media	According to the ISO guideline 7937:2004 QA4233a
	Enumeration of <i>Enterobacteriaceae</i> on selective media	According to the ISO guideline 21528-2:2017 QA4234a
	Enumeration of coagulase-positive staphylococci on selective media	According to the ISO guideline 6888:2018 QA4235a
	Detection of Salmonella by use of liquid and solid selective media	According to the ISO guideline 6579-1:2017 QA4236a
	Detection of <i>Listeria monocytogenes</i> by use of liquid and solid selective media	According to the ISO guideline 11290-1:2017 QA4237a
	Detection of <i>Listeria monocytogenes</i> on selective media	According to the ISO guideline 11290-2:2017 QA4237b
	Detection of yeasts on selective media	According to the ISO guideline 21527-1:2008, QA4239a
	Detection of <i>Bacillus cereus</i> on selective media	According to the ISO guideline 7932:2005 QA4241a



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Drinking water	Enumeration of <i>Escherichia coli</i>	according to the ISO guideline 16649:2009 QA4240a
	Enumeration of moulds	According to the ISO guideline 21527-1:2008, QA4239a
	Enumeration of aerobic mesophile germs on selective media	According to the ISO guideline 6222:1999 QA4232b
	Enumeration of <i>Escherichia coli</i> and coliforms	According to the ISO guideline 9308:2017 QA4244a
	Detection of <i>Enterococci</i> on selective media	According to the ISO guidelines 7899-2:2000 QA4238a
Foodstuffs Feeding stuff Sample of environment	<b>MPN-methode</b> Detection of aerobic mesophile germs, <i>Enterobacteriaceae</i> , <i>Escherichia coli</i> , coagulase-positive staphylococci, <i>Bacillus cereus</i> , moulds and yeast with the MPN-methode (most probable number)	According to Tempo® by BioMérieux AC, EB, EC, STA, BC, YM--test QA4248a
	<b>Enzyme-linked Fluorescent Assay</b> Detection of Salmonella and <i>Listeria monocytogenes</i> with Enzyme-linked Fluorescent Assay	According to mini-VIDAS® by BioMérieux Vidas UP Salmonella (SPT) Vidas UP Listiera (LPT) QA4249b, QA4249c
	Cultural isolation of bacteria	
Meat and organs of slaughtered animals	Cultural isolation of pathogens and detection of antibiotic residues	General and selective media according to the BLV information of 2017 QA4230a
	Detection of antibiotic residues	Microbiological method, inhibition of bacterial growth QA4230b
Milk Animals of all species	Detection of antibiotic residues	Microbiological method DELVO-Test of the house DSM QA4218a



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Milk Animals of all species	Cultural isolation of bacteria General and selective media, biochemical and microscopic characterization	According to the lit. 2) Vitek 2 (Bio-Mérieux) QA4216a
Placenta Ruminants	<b>Microscopy</b> Various staining procedures for the demonstration of Brucella, Coxiella and Fungi	According to the lit. 3) and 4) QA4212a
Urine Animals of all species	Sediment Cells	According to the lit. 8) QA4202a
<b>HONEYCOMB, BEE LARVA</b>	Detection of American Foulbrood ( <i>Paenibacillus larvae larvae</i> )	According to the O.I.E. manual QA4214a
	Detection of European Foulbrood ( <i>Melissococcus pluton</i> )	According to the O.I.E. manual QA4214a
<b>PARASITOLOGY</b>		
Meat Swine, horse	Detection of <i>Trichinella larvae</i> in muscles Enzymatic digestion assays	Standard method according to the ISO guideline 18743:2015 QA4910a
	<b>Microscopy</b>	
Bees (trachea)	Detection of <i>Acarapis woodi</i> (trachea mite)	According to the O.I.E. manual QA4909a
Combs	<i>Varroa jacobsoni</i> (mites)	According to the O.I.E. manual QA4908a
Bees (digestive tract)	<i>Nosema apis</i> (protozoan)	According to the O.I.E. manual QA4905a
<b>PATHOLOGY</b>		
	<b>Microscopy</b>	
Histopathology Animals of all species	Recognition of pathological processes on stained slides of tissue samples.	According to the ref. 5) and 6) QA4501
Cytology	Microscopic examination	Adapted in-house method about the ref. 5) and 6) QA4521a



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<b>SEROLOGY</b>	<b>ELISA</b>	
Serum, plasma, milk bovine	Detection of antibodies against IBR/IPV-virus	Testkit house IDEXX Ltd. QA4303
Serum, plasma, bovine	Detection of antibodies against EBL-Virus	Testkit house IDEXX Ltd. v
Serum, plasma, ruminants	Detection of antibodies against <i>Brucella abortus/melitensis</i>	Testkit house IDEXX Ltd. QA4304
Serum, plasma bovine	BVD - Detection of antibodies	Testkit house IDEXX Ltd. And Pri-onics AG QA4306, QA4329a
Serum, plasma, skin biopsy bovine	BVD Detection of viral antigen	Testkit house IDEXX Ltd. QA4307
Serum, EDTA plasma bovine	Detection of early pregnancy-associated glycoproteins (early PAGs)	Testkit house IDEXX Ltd. QA4317
Milk ruminants	Detection of early pregnancy-associated glycoproteins (early PAGs)	Testkit house IDEXX Ltd. QA4321
Milk bovine	<i>Ostertagia ostertagi</i> Detection of antibodies	Testkit house Firma Boehringer Ingelheim Svonova, SVANOVIR O. ostertagi ab QA4327
Serum, plasma, egg yolk hen	Detection of antibodies against <i>Salmonella enteritidis</i>	Testkit ELISA FLOCKTYPE house Labor Diagnostik Leipzig (indical) QA4308
Serum, plasma goat and sheep	Detection of antibodies against CAE-virus	Testkit house IDEXX Ltd. QA4309
Serum, plasma sheep	Detection of antibodies against <i>Brucella ovis</i>	Testkit house IDEXX Ltd. QA4310
Serum, plasma swine	Detection of antibodies against Pseudorabies-virus (Aujeszky)	Testkit house IDEXX Ltd. QA4311
Serum, plasma swine	Detection of antibodies against PRRS-virus	Testkit house IDEXX Ltd. QA4315
Serum, ruminants	Antibodies against <i>Mycobacterium paratuberculosis</i>	Testkit house Institut Pourquier QA4314
Serum, plasma ruminants	Detection of antibodies against bluetongue virus	Testkit house Institut Pourquier/IDEXX QA4316



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Serum, plasma ruminants	Detection of antibodies against <i>Chlamydia psittaci</i>	Testkit house IDEXX Ltd. QA4312
Serum, plasma ruminants	Detection of antibodies against <i>Coxiella burnetii</i>	Testkit house IDEXX Ltd. QA4313
Serum, plasma, blood dog	Detection of antibodies against <i>Borrelia burgdorferi-C6</i> (qualitative)	Testkit house IDEXX Ltd. QA4415a
Serum dog and cat	Detection of antibodies against Canine/feline Pankreaslipase Immunoreaktivität (PLI)	Testkit house IDEXX Ltd. QA4318
Serum dog	Detection of antibodies against Sarcoptes	Testkit house AFOSA GmbH, D-Berlin QA4322
Serum dog	Detection of antibodies against Leishmania	Testkit house AFOSA GmbH, D-Berlin QA4323
Serum dog	Detection of antibodies against <i>Babesia canis</i>	Testkit house AFOSA GmbH, D-Berlin QA4324
Serum horse	Detection of antibodies against Piroplasmose	Testkit house VMRD QA4302
Serum, plasma horse	Detection of antibodies against EIA-virus (Coggin's-test)	Standard method with antigen of house IDEXX Ltd. QA4333
	<b>CFT</b>	
Serum, ruminants	Detection of antibodies against <i>Coxiella burnetii</i>	Reagents of the house Ruwag. QA4336
Serum, Sheep, goat, bird	Detection of antibodies against <i>Chlamydia psittaci</i>	Reagents of the house Ruwag. QA4337
Serum, dog	Detection of antibodies against Tickborn encephalitis	Reagents of the house Ruwag. QA4338
Serum, dog	Detection of antibodies against Adenovirus	Reagents of the house Ruwag. QA4339
Serum, dog	Detection of antibodies against Herpes virus	Reagents of the house Ruwag QA4340
Serum, horse	Detection of antibodies against <i>Trypanosoma equiperdum</i> (Dourine)	Standard method, according to the O.I.E. QA4341
Serum, horse	Detection of antibodies against <i>Pseudomonas mallei</i> (Glanders)	Standard method, according to the O.I.E. QA4343



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Serum, horse, donkey	Detection of antibodies against Piroplasmosis ( <i>B. caballi</i> , <i>B. equi</i> )  <b>Agglutination Test</b>	Reagents of the houses APHIS, NVSL, Ames, USA QA4342
Serum, plasma dog	Detection of antibodies against <i>Brucella canis</i>  <b>RSAT</b>	Standard method according to the O.I.E. QA4346
Serum, ruminants	Detection of antibodies against <i>Brucella abortus</i> , <i>mellitensis</i> , <i>suis</i>  <b>IFA</b>	In-house method according to Rose-Bengal, Reagents of the houses Pourquier/IDEXX QA4347
Serum, plasma horse	Detection of antibodies against Babesiosis ( <i>B. canis</i> , <i>B. caballi</i> , <i>B. equi</i> )	Testkit houses Megacor Ltd. QA4402a
Serum, plasma dog, horse	Detection of antibodies against <i>Anaplasma phagocytophilum</i>	Testkit of the house MegaCor Ltd. QA4403a
Serum, plasma cat	Detection of antibodies against Feline Coronavirus (FIP)	Testkit of the house MegaCor Ltd QA4405a
Serum, plasma dog, bovine	Detection of antibodies against <i>Neospora caninum</i>	Testkit with Reagents of the Parasitology, University Bern QA4407a
<b>HEMATOLOGY</b>	<b>EDTA</b>	
Blood Animals of all species	Laser optical cell counting method with chemical and / or electrical resistance measurement and photometric determination Red and white blood cells - RBC count - Hematocrit - Haemoglobin - MCV - MCH - MCHC - WBC count - thrombocytes - reticulocytes	Standard method Sysmex-XT-2000iV QA4802b,



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Blood Animals of all species	<b>Microscopie/manual cell count</b> - erythrocytes - leucocytes - thrombocytes - reticulocytes	Standard method according to the ref. 7) QA4805a, QA4806a, QA4807a, QA4808a
Blood birds, reptils	Haemoglobin	Standard method Hemo Cue Hb201+ QA4810a
Blood, blood smear Animals of all species	<b>Microscopy</b> Differentiation, reticulocyte count samples, staining, differentiation evaluation in transmitted light microscopy  Direct microscopy of blood parasites (colored blood smear) Babesia, Ehrlichia, Microfilaria	Standard method according to the ref. 7) QA4809a
<b>CLINICAL CHEMISTRY</b> Serum, plasma, urine Animals of all species	<b>Photometric</b> Endpoint test methods, photometric Substrate tests	Automatic analyser, AU 680 (Beckman Coulter Diagnostics) QA4101a, QA4106a
Serum, plasma, urine, liquor Animals of all species	<b>Photometric</b> 2-points end method, photometric Substrate tests	QA4105a
Serum, plasma, Animals of all species	Kinetic	Automatic analyser, AU 680 (Beckman Coulter Diagnostics) QA4102a, QA4104a, QA4108a, QA4107a
Serum Cat, horse	SAA (serum-amyloid A) Latex-agglutination assay	Automatic analyser, AU 680 (Beckman Coulter Diagnostics) QA4113a
Serum dog	CRP (C-reactive protein) Turbidimetry	Automatic analyser, AU 680 (Beckman Coulter Diagnostics) QA4114a





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Serum horse	copper Di-Brom PAESA-methode	Automatic analyser, AU 680 (Beckman Coulter Diagnostics) QA4112a
Serum horse	zinc 5-Br-PAPS-methode	Automatic analyser, AU 680 (Beckman Coulter Diagnostics) QA4109a
Serum Dog, cat, horse	SDMA (Symmetric Dimethylarginine) Enzym linked immunosorbent assay	Automatic analyser, AU 680 (Beckman Coulter Diagnostics) QA4111a
Serum, urine animals of all species	<b>ISE</b> Electrolytes - Sodium - Potassium - Chlorid  <b>Solid-phase competitive chemiluminescent immunoassay</b>	Automatic analyser, AU 680 (Beckman Coulter Diagnostics) QA4103a
Serum dog, horse, cat	Cortisol	automatic analyser, Immulite2000XPI, Siemens QA4120a
Serum dog	Progesteron Canine TSH	QA4120a
Serum cat, dog	Free T4	QA4120a
Edta plasma horse	ACTH	QA4120a
Serum dog	ENZYM TLI	QA4120a
Serum, Heparin Plasma dog, cat	Vitamin B12 Folsäure	QA4120a
<b>Bloodcoagulation</b>	<b>Coagulometry</b>	
Citrated plasma dog, cat	PTT (APTT) Quick (PT) Fibrinogen Thrombin time	Standard method START Max (Stago Diagnostics) QA4815a



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Citrated plasma, horse <b>PCR</b>	Fibrinogen	QA4815a
EDTA, blood, fibrous tissue ruminants	<b>Realtime PCR</b> Bluetongue disease	Testkit of houses LDL (Labordiagnostik Leipzig) QA4612
Faeces Faecal swob Biopsy material porc	<i>E. coli</i> Typisierung (F4 K88, F5 K99, F6 987P, F18ab adhesin, Stx2e, Intimin, Adhesin BFP)	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4616
Faeces Biopsy material (intestine) porc	<i>Clostridium perfringens</i> Typisierung (enterotoxin A (CPEA) toxin B (CPB), toxin B2 (CPB2), enterotoxin E (CPE))	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4625
Faeces Faecal swob Biopsy material (intestine) porc	<i>Brachyspira hyodysenteriae</i>	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4621
Faeces, Faecal swob Biopsy material (intestine) porc	<i>Isospora suis</i>	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4623
Faeces, Faecal swob Biopsy material (intestine) Porc, horse	<i>Lawsonia intracellularis</i>	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4624
Swob of nose, throat and oral mucosa Milk Bronchial lavage (BAL) Sperm Biopsy material Bovine	<i>Mycoplasma bovis</i>	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4617
Swob of nose, throat and oral mucosa Bronchial lavage (BAL) Bovine	<i>BPIV3 (bovines Parainfluenza-Virus Typ3)</i>	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4618



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Swob of nose, throat and oral mucosa Bronchial lavage (BAL) Biopsy material Bovine	<i>BRSV (bovine respiratory syncytial virus)</i>	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4619
Faeces Faecal swob Biopsy material cat	<i>Tritrichomonas foetus</i>	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4622
Urine EDTA, Serum Aqueous humor (Pferd) Liquor Biopsy material (kidney) Animals of all species	<i>Leptospira spp</i>	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4627
Serum, Plasma, Ear Biopsie Bovine	BVDV (Bovine Virus Diarrhoe Virus)	Testkit house IDEXX Ltd., IDEXX RealPCR BVDV RNA Test QA4637a
Milk, Tank milk Bovine	<i>Staphylococcus aureus Genotyp B</i>	Procedure Acroscope, Sartori QA4633a
Swob of nose Swob of abscess Nasal passage rinsing Pus from lymph nodes	<i>Streptococcus equi subspezies equi (Strep. equi equi)</i>	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4634a
Swob of nose or throat Bronchial lavage (BAL) Biopsy material Swob oral mucosa (laboratory rodents) Faeces	Group C Streptococcus(strangles) ( <i>Strep. zooepidemicus, Strep. dysgalactiae sp. equisimilis</i> )	Procedure on basis of IDEXX (Molecular Diagnostics, West Sacramento) QA4635a

Abbreviation	Signification
BLV	Federal Food Safety and Veterinary office
BSA	Blood-Serum Agglutination
BVD	Bovine Virus Diarrhoe
EBL	Encootice Bovine Leucosis
ELISA	Enzyme Linked Immuno Assay
IFA	Immunofluorescence assay



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ISE	Ion-Specific Electrode
CFT	Complement Fixation Test
O.I.E.	Office international des épizooties (World Organisation for Animal Health)
RSAT	rapid slide agglutination test
PCR	Polymerase chain reaction

## References

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

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- 2) Manual of Clinical Microbiology, Patrick Murray (Ed.), ASM Press, Washington D.C., 2008, 9<sup>th</sup> Edition
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- 5) Maxie, M.G. (edit.): Jubb, Kennedy, and Palmer's Pathology of Domestic Animals; Elsevier 3251 Riverport Lane, St. Louis, Missouri 63043; 6th Edition (2016)
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- 8) Kraft-Dürr, Klinische Labordiagnostik in der Tiermedizin, 7. Auflage, Schattauer Verlag, Stuttgart 2013

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