

| Pos. | Product | Description | Materials |
|--|--|---|--|
| General bacteriological examination (BU), aerobic/anaerobic | | | |
| D_BU-S-001-EU | Bacteriological examination - organs, parts of organs, respiratory tract, reproductive tract | Cultural detection incl. MALDI-TOF MS identification as well as typing of relevant pathogens and storage of appropriate strains for the production of an autogenous vaccine | Organ, parts of organs, respiratory tract, reproductive tract (native, swab) |
| D_BU-S-002-EU | Bacteriological examination - faeces | Cultural detection incl. MALDI-TOF MS identification as well as typing of relevant pathogens and storage of appropriate strains for the production of an autogenous vaccine | Faeces (native, swab) |
| D_BU-S-003-EU | Bacteriological examination - organ package | Organ package incl. three to six organs; cultural detection incl. MALDI-TOF MS identification as well as typing of relevant pathogens and storage of appropriate strains for the production of an autogenous vaccine | Organ, parts of organs |
| D_BU-S-004-EU | Bacteriological examination incl. short susceptibility test (max. two) - sample | Cultural detection incl. MALDI-TOF MS identification; without strain typing and storage | Organ, parts of organs, respiratory tract, reproductive tract (native, swab) |
| D_BU-S-005-EU | Bacteriological examination incl. short susceptibility test (max. two) - faeces | Cultural detection without MALDI-TOF MS identification and without strain typing and storage | Native faeces, swabs |
| D_BU-S-006-EU | Bacteriological examination - heads | Bacteriological examination of brain and sinus nasalis, cultural detection incl. MALDI-TOF MS identification as well as typing of relevant pathogens and storage of appropriate strains for the production of an autogenous vaccine | Heads |
| D_BU-S-007-EU | Necropsy - suckling piglets | Post-mortem examination with selected organ examination and pathomorphological report incl. subsequent carcass disposal - cultural detection incl. MALDI-TOF MS identification as well as typing of relevant pathogens and storage of suitable isolates for the production of an autogenous vaccine | Carcasses - suckling piglets |
| D_BU-S-008-EU | Necropsy - piglets | Post-mortem examination with selected organ examination and pathomorphological report incl. subsequent carcass disposal - cultural detection incl. MALDI-TOF MS identification as well as typing of relevant pathogens and storage of suitable isolates for the production of an autogenous vaccine | Carcasses - piglets, maximum weight of 10 kg |
| Special bacteriological examination (detection of individual pathogens) | | | |
| D_SpBU-S-001-EU | <i>Brachyspira</i> spp. | Cultural detection incl. MALDI-TOF MS identification | Carcasses, organs, faeces, swabs |
| D_SpBU-S-002-EU | <i>Campylobacter</i> spp. | | |
| D_SpBU-S-003-EU | <i>Clostridioides difficile</i> | | |
| D_SpBU-S-004-EU | <i>Mycoplasma</i> spp. | Enrichment, cultural detection incl. MALDI-TOF MS identification | Carcasses, organs, swabs |
| D_SpBU-S-005-EU | <i>Salmonella</i> spp. - Salmonella-Monitoring | Cultural detection from 3-fold enrichment in selective medium incl. MALDI-TOF MS identification | Carcasses, organs, faeces, swabs |
| D_SpBU-S-006-EU | Further bacteria species | Identification via MALDI-TOF MS | Isolate |

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|--|--|---|--|
| Molecular biological pathogen detection or typing | | | |
| D_MBio-S-001-EU | <i>Actinobacillus pleuropneumoniae</i> (APP) | Molecular biological examination (PCR) for APP - serotypes 1, 2, 5, 6, 7, 8, 9/11, and 12 | Isolate |
| D_MBio-S-002-EU | <i>Brachyspira</i> spp. | Molecular biological examination (PCR) for <i>Brachyspira</i> spp. | Carcasses, organs, faeces, dry swabs |
| D_MBio-S-003-EU | <i>Brachyspira</i> (<i>B.</i>) <i>intermedia</i> , <i>B. hyodysenteriae</i> , <i>B. pilosicoli</i> | Molecular biological examination (PCR) for <i>Brachyspira</i> (<i>B.</i>) <i>intermedia</i> , <i>B. hyodysenteriae</i> , and <i>B. pilosicoli</i> | |
| D_MBio-S-004-EU | <i>Clostridioides difficile</i> | Molecular biological examination (PCR) for <i>Clostridioides difficile</i> toxin types A and B | Isolate |
| D_MBio-S-005-EU | <i>Escherichia coli</i> | Molecular biological examination (Bosworth-PCR) for virulence-associated genes (fimbriae, adhesins, toxins) of pathogenic <i>E. coli</i> | |
| D_MBio-S-006-EU | <i>Escherichia coli</i> | Molecular biological examination (PCR) for shigatoxins (Stx1, Stx2) | |
| D_MBio-S-007-EU | <i>Glaesserella parasuis</i> | Molecular biological examination (PCR) for <i>Glaesserella parasuis</i> - serotypes | |
| D_MBio-S-008-EU | <i>Lawsonia intracellularis</i> | Molecular biological examination for <i>Lawsonia intracellularis</i> | Carcasses, organs, faeces, dry swabs |
| D_MBio-S-009-EU | <i>Pasteurella multocida</i> | Molecular biological examination (PCR) for dermonecrotic toxin (dnT) and capsule types of <i>Pasteurella multocida</i> | Isolate |
| D_MBio-S-010-EU | <i>Staphylococcus hyicus</i> | Molecular biological examination (PCR) for exfoliative toxins (exhA - exhD) | |
| D_MBio-S-011-EU | <i>Streptococcus suis</i> | Molecular biological examination (PCR) for <i>Streptococcus suis</i> - capsule types and virulence-associated genes | |
| D_MBio-S-012-EU | <i>Mycoplasma</i> spp. | Molecular biological examination (PCR) for <i>Mycoplasma</i> spp. | Carcasses, organs, dry swabs |
| D_MBio-S-013-EU | Porcine <i>Mycoplasma</i> spp. | Molecular biological examination (PCR) for porcine <i>Mycoplasma</i> spp. | |
| D_MBio-S-014-EU | <i>Erysipelothrix rhusiopathiae</i> | Molecular biological examination (PCR) for <i>Erysipelothrix rhusiopathiae</i> - serotypes 1b, 2, 4, and 5 | Isolate |
| Pathogen typing | | | |
| D_TYP-S-001-EU | <i>Clostridium perfringens</i> | Toxin typing and α -toxin quantification of <i>Clostridium perfringens</i> | Isolate |
| D_TYP-S-002-EU | <i>Escherichia coli</i> | Serotyping via agglutination | |
| D_TYP-S-003-EU | <i>Salmonella enterica</i> subsp. <i>enterica</i> | Typing by an external laboratory | |
| Botulism diagnostics | | | |
| D_BONT-001-EU | BoNT cultural diagnostics | Anaerobic bacteriological examination for BoNT-producing <i>Clostridia</i> species | Faeces, liver, organs of the digestive tract |
| D_BONT-002-EU | Botulinum neurotoxin | Molecular biological examination (PCR) for botulinum neurotoxin types | |

| Pos. | Product | Description | Materials |
|----------------------------|--|---|---|
| Susceptibility test | | | |
| D_RESTI-001-EU | Susceptibility test per isolate | Agar diffusion test | Isolate |
| D_RESTI-002-EU | Extended spectrum beta-lactamases (ESBL) | Detection of extended spectrum beta-lactamases (ESBL) with agar diffusion | |
| Mycology | | | |
| D_MYK-001-EU | Yeasts, moulds | Mycological examination, cultural detection incl. MALDI-TOF MS identification | Carcasses, organs, swabs |
| Parasitology | | | |
| D_PARA-001-EU | Helminth eggs | Examination for helminth eggs (flotation method) | Carcasses, intestines, faeces |
| D_PARA-002-EU | Coccidia / cryptosporidia | Examination for coccidia / cryptosporidia (microscopy) | |
| Virology | | | |
| D_VIRO-S-001-EU | Rotavirus Type A | Virological examination for porcine Rotavirus type A by immunochromatography | Carcasses, intestines, faeces |
| D_VIRO-S-002-EU | Rotavirus Type A and C | Virological examination for porcine Rotavirus type A and C by quantitative real-time PCR (qPCR) | |
| D_VIRO-S-003-EU | Rotavirus Type A - cultivation | Cultivation of Rotavirus A on cell culture - successful after several passages | Carcasses, organs, swabs |
| D_VIRO-S-004-EU | Rotavirus Type A - cultivation | Cultivation of Rotavirus A on cell culture - unsuccessful after several passages | |
| D_VIRO-S-005-EU | Rotavirus Type A - genotyping | Rotavirus Type A- genotyping by an external laboratory | Isolates in cell culture |
| D_VIRO-S-006-EU | Swine influenza virus (SIV) | Quantitative real-time PCR (qPCR) - matrix protein | carcasses, pharynx swabs (deep), organs (e.g. lung), BALF |
| D_VIRO-S-007-EU | Swine influenza virus (SIV) - genotyping | Quantitative real-time PCR (qPCR) - pandemic isolate | |
| D_VIRO-S-008-EU | Porcine coronaviruses - porcine deltacoronavirus (PDCoV), transmissible gastroenteritis coronavirus (TEGV), porcine epidemic diarrhea virus (PEDV) | Virological examination for PDCoV, TEGV, and PEDV by quantitative real-time PCR (qPCR) by quantitative real-time PCR (qPCR) | Carcasses, intestines, faeces |
| Serology (ELISA) | | | |
| D_ELISA-S-001-EU | ELISA - <i>Clostridium perfringens</i> | Serological detection of antibodies against <i>Clostridium perfringens</i> - α -toxin | Blood serum |
| General | | | |
| ALLG-001-EU | Sample pick-up | Sample collection by RIPAC-LABOR GmbH | |
| ALLG-002-EU | Diagnostics supplies | <i>Mycoplasma</i> transport medium (3.1 ml) for <i>Mycoplasma</i> -suspicious samples | |
| ALLG-004-EU | Shipment of bacterial isolates | Shipment / transfer of bacterial isolates to external institutions | |

Valid from August 01st, 2023

| Pos. | Product | Description | Materials |
|----------------|---|--|-----------|
| General | | | |
| ALLG-008-EU | Diagnostics - selective nutrient media (NEO, GENTA) | Selective nutrient media - Neomycin, Gentamycin - for the detection of <i>Clostridium perfringens</i> (price per agar plate) | |
| ALLG-009-EU | Diagnostics - selective nutrient media (TSA, TSYA) | Selective nutrient media - TSA, TSYA - for the detection of <i>Brachyspira</i> spp. (price per agar plate) | |