

Health Monitoring Report – based on FELASA recommendations

Name and address of the breeder: Ellegaard Göttingen Minipigs A/S, DK- 4261 Dalmose

Date of issue: Dec 22, 2023

Unit N°: Barrier II

Date of examination: Nov 14 2023

Issued by on-site veterinarian

Species: Pig

Strain: Göttingen Minipig

Rederivation: March 1992

Populated: April 1998

| | PAST RESULTS | CURRENT RESULTS | LABORATORY | METHOD (Material) |
|--|--------------|-----------------|------------|--|
| VIRAL INFECTIONS | | | | |
| Aujeszky's Disease | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Classical Swine Fever (CSF) | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Haemagglutinating Encephalomyelitis (HEV) | neg (0/45) | 0/15 | SSI | Ab-IPT (blood) |
| Porcine Circovirus type 2 (PCV2) | neg (0/45) | 0/15 | SSI | RT-PCR (blood) |
| Porcine Epidemic Diarrhoea (PED) | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Influenza A, all subtypes | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Influenza A, H1N1* | neg (0/45) | 0/15 | SSI | RT-PCR (n. swab) |
| Porcine Parvovirus | neg (0/45) | 0/15 | SSI | RT-PCR (blood) |
| Porcine Reproduct. & Resp. Syndrome | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Porcine Respiratory Coronavirus (PRCV) | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Porcine Rotavirus | pos (3/45) | 0/15 | SSI | RT-PCR (feces) |
| Transmissible Gastroenteritis (TGE) | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| BACTERIAL INFECTIONS | | | | |
| Actinobacillus pleuropneumoniae, serotype 2, 6, 12 | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Bordetella bronchiseptica | pos (4/45) | 2/15 | SSI | Culture (n. swab) |
| Brachyspira (Serpulina) hyodysenteriae | neg (0/45) | 0/15 | SSI | RT-PCR (feces) |
| Clostridium perfringens type A | pos (13/45) | 2/15 | SSI | Culture + RT-PCR (feces) |
| Clostridium perfringens type C | neg (0/45) | 0/15 | SSI | Culture + RT-PCR (feces) |
| Erysipelothrix rhusiopathiae | neg (0/45) | 0/15 | SSI | Culture (n.swab) |
| Lawsonia intracellularis | neg (0/45) | 0/15 | SSI | RT-PCR (feces) |
| Leptospira pomona | neg (0/45) | 0/15 | SSI | Ab-MAT (blood) |
| Leptospira bratislava | neg (0/45) | 0/15 | SSI | Ab-MAT (blood) |
| Methicillin resistant Staphylococcus aureus (MRSA) | neg (0/45) | 0/15 | SSI | Culture (n.swab) |
| Mycoplasma hyopneumoniae | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Pasteurella multocida toxin (PMT) | neg (0/45) | 0/15 | SSI | RT-PCR (n. swab) |
| Salmonella spp. | neg (0/45) | 0/15 | SSI | Culture (feces) |
| Staphylococcus hyicus | neg (0/45) | 0/15 | SSI | Culture (skin scr.) |
| β-haemolytic Streptococci | pos (22/45) | 9/15** | SSI | Culture (v/p swab + skin scr.+ n.swab) |
| Streptococcus suis | neg (0/45) | 0/15 | SSI | Culture (n. swab) |
| Yersinia enterocolitica (serotype O3, O5, O8, O9) | neg (0/45) | 0/15 | SSI | Culture (feces) |
| FUNGAL INFECTIONS | | | | |
| Candida albicans | pos (16/45) | 3/15 | SSI | Culture (skin scr.) |
| Microsporum spp. | neg (0/45) | 0/15 | SSI | Culture (skin scr.) |
| Trichophyton spp. | neg (0/45) | 0/15 | SSI | Culture (skin scr.) |
| PARASITOLOGICAL INFECTIONS | | | | |
| Arthropods*** | neg (0/45) | 0/15 | SSI | Micr.insp. (skin scr.+cerumen) |
| Coccidia (Eimeria, Isospora) | neg (0/45) | 0/15 | SSI | McMaster (feces) |
| Cryptosporidia | neg (0/45) | 0/15 | SSI | qPCR (feces) |
| Giardia | neg (0/45) | 0/15 | SSI | qPCR (feces) |
| Helminths | neg (0/45) | 0/15 | SSI | McMaster (feces) |
| Toxoplasma gondii | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |

Abbreviation for laboratory:

SSI: Statens Serum Institut, Denmark (Artillerivej 5, 2300 Copenhagen S)

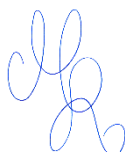
Abbreviations for methods and material: Ab: Antibody; ELISA: Enzyme Linked Immuno-Sorbent Assay; IPT: Immuno Peroxidase Test; MAT: Microscopic Agglutination Test; Micr.insp: Microscopical inspection; N.swab: Nasal swab; NE: Not examined; qPCR: Quantitative PCR; V/p swab: Vaginal/preputial swab; RT-PCR: Real time PCR; Skin scr: Skin scraping

* Influenza A H1N1pdm09

**β-haemolytic Streptococci isolated from 9/15 v/p swabs (Lancefield Group G).

*** Excl. sarcoptes

Issued by:



Maja Ramløse, Attending Veterinarian

Date: Dec 22, 2023

Health Monitoring Report – based on FELASA recommendations

Name and address of the breeder: Ellegaard Göttingen Minipigs A/S, DK- 4261 Dalmose

Date of issue: Dec 22, 2023

Unit N°: Barrier III

Date of examination: Nov 14 2023

Issued by on-site veterinarian

Species: Pig

Strain: Göttingen Minipig

Rederivation: March 1992

Populated: May 2009

| | PAST RESULTS | CURRENT RESULTS | LABORATORY | METHOD (Material) |
|--|--------------|-----------------|------------|--|
| VIRAL INFECTIONS | | | | |
| Aujeszky's Disease | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Classical Swine Fever (CSF) | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Haemagglutinating Encephalomyelitis (HEV) | neg (0/45) | 0/15 | SSI | Ab-IPT (blood) |
| Porcine Circovirus type 2 (PCV2) | neg (0/45) | 0/15 | SSI | RT-PCR (blood) |
| Porcine Epidemic Diarrhoea (PED) | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Influenza A, all subtypes | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Influenza A, H1N1* | neg (0/45) | 0/15 | SSI | RT-PCR (n. swab) |
| Porcine Parvovirus | neg (0/45) | 0/15 | SSI | RT-PCR (blood) |
| Porcine Reproduct. & Resp. Syndrome | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Porcine Respiratory Coronavirus (PRCV) | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Porcine Rotavirus | pos (1/45) | 1/15 | SSI | RT-PCR (feces) |
| Transmissible Gastroenteritis (TGE) | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| BACTERIAL INFECTIONS | | | | |
| Actinobacillus pleuropneumoniae, serotype 2, 6, 12 | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Bordetella bronchiseptica | neg (0/45) | 0/15 | SSI | Culture (n. swab) |
| Brachyspira (Serpulina) hyodysenteriae | neg (0/45) | 0/15 | SSI | RT-PCR (feces) |
| Clostridium perfringens type A | pos (11/45) | 1/15 | SSI | Culture + RT-PCR (feces) |
| Clostridium perfringens type C | neg (0/45) | 0/15 | SSI | Culture + RT-PCR (feces) |
| Erysipelothrix rhusiopathiae | neg (0/45) | 0/15 | SSI | Culture (n.swab) |
| Lawsonia intracellularis | pos (7/45) | 3/15 | SSI | RT-PCR (feces) |
| Leptospira pomona | neg (0/45) | 0/15 | SSI | Ab-MAT (blood) |
| Leptospira bratislava | neg (0/45) | 0/15 | SSI | Ab-MAT (blood) |
| Methicillin resistant Staphylococcus aureus (MRSA) | neg (0/45) | 0/15 | SSI | Culture (n.swab) |
| Mycoplasma hyopneumoniae | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |
| Pasteurella multocida toxin (PMT) | neg (0/45) | 0/15 | SSI | RT-PCR (n. swab) |
| Salmonella spp. | neg (0/45) | 0/15 | SSI | Culture (feces) |
| Staphylococcus hyicus | neg (0/45) | 0/15 | SSI | Culture (skin scr.) |
| β-haemolytic Streptococci | pos (17/45) | 5/15** | SSI | Culture (v/p swab + skin scr.+ n.swab) |
| Streptococcus suis | neg (0/45) | 0/15 | SSI | Culture (n. swab) |
| Yersinia enterocolitica (serotype O3, O5, O8, O9) | neg (0/45) | 0/15 | SSI | Culture (feces) |
| FUNGAL INFECTIONS | | | | |
| Candida albicans | pos (25/45) | 3/15 | SSI | Culture (skin scr.) |
| Microsporium spp. | neg (0/45) | 0/15 | SSI | Culture (skin scr.) |
| Trichophyton spp. | neg (0/45) | 0/15 | SSI | Culture (skin scr.) |
| PARASITOLOGICAL INFECTIONS | | | | |
| Arthropods*** | neg (0/45) | 0/15 | SSI | Micr.insp. (skin scr.+cerumen) |
| Coccidia (Eimeria, Isospora) | neg (0/45) | 0/15 | SSI | McMaster (feces) |
| Cryptosporidia | neg (0/45) | 1/15 | SSI | qPCR (feces) |
| Giardia | pos (1/45) | 0/15 | SSI | qPCR (feces) |
| Helminths | neg (0/45) | 0/15 | SSI | McMaster (feces) |
| Toxoplasma gondii | neg (0/45) | 0/15 | SSI | Ab-ELISA (blood) |

Abbreviation for laboratory:

SSI: Statens Serum Institut, Denmark (Artillerivej 5, 2300 Copenhagen S)

Abbreviations for methods and material: Ab: Antibody; ELISA: Enzyme Linked Immuno-Sorbent Assay; IPT: Immuno Peroxidase Test; MAT: Microscopic Agglutination Test; Micr.insp: Microscopical inspection; N.swab: Nasal swab; NE: Not examined; qPCR: Quantitative PCR; V/p swab: Vaginal/preputial swab; RT-PCR: Real time PCR; Skin scr: Skin scraping

* Influenza A H1N1pdm09

**β-haemolytic Streptococci isolated from 5/15 v/p swabs (Lancefield Group G).

*** Excl. sarcoptes

Issued by:



Maja Ramløse, Attending Veterinarian

Date: Dec 22, 2023

Health Monitoring Report – based on FELASA recommendations

Name and address of the breeder: Ellegaard Göttingen Minipigs A/S, DK- 4261 Dalmose

Date of issue: Dec 22, 2023

Unit N°: Barrier V

Date of examination: Nov 14 2023

Issued by on-site veterinarian

Species: Pig

Strain: Göttingen Minipig

Rederivation: March 1992

Populated: June 2016

| | PAST RESULTS | CURRENT RESULTS | LABORATORY | METHOD (Material) |
|--|--------------|-----------------|------------|--|
| VIRAL INFECTIONS | | | | |
| Aujeszky's Disease | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |
| Classical Swine Fever (CSF) | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |
| Haemagglutinating Encephalomyelitis (HEV) | neg (0/30) | 0/10 | SSI | Ab-IPT (blood) |
| Porcine Circovirus type 2 (PCV2) | neg (0/30) | 0/10 | SSI | RT-PCR (blood) |
| Porcine Epidemic Diarrhoea (PED) | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |
| Influenza A, all subtypes | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |
| Influenza A, H1N1* | neg (0/30) | 0/10 | SSI | RT-PCR (n. swab) |
| Porcine Parvovirus | neg (0/30) | 0/10 | SSI | RT-PCR (blood) |
| Porcine Reproduct. & Resp. Syndrome | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |
| Porcine Respiratory Coronavirus (PRCV) | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |
| Porcine Rotavirus | pos (4/30) | 0/10 | SSI | RT-PCR (feces) |
| Transmissible Gastroenteritis (TGE) | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |
| BACTERIAL INFECTIONS | | | | |
| Actinobacillus pleuropneumoniae, serotype 2, 6, 12 | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |
| Bordetella bronchiseptica | neg (0/30) | 0/10 | SSI | Culture (n. swab) |
| Brachyspira (Serpulina) hyodysenteriae | neg (0/30) | NE | SSI | RT-PCR (feces) |
| Clostridium perfringens type A | pos (3/30) | 1/10 | SSI | Culture + RT-PCR (feces) |
| Clostridium perfringens type C | neg (0/30) | 0/10 | SSI | Culture + RT-PCR (feces) |
| Erysipelothrix rhusiopathiae | neg (0/30) | 0/10 | SSI | Culture (n.swab) |
| Lawsonia intracellularis | pos (6/30) | 1/10 | SSI | RT-PCR (feces) |
| Leptospira pomona | neg (0/30) | 0/10 | SSI | Ab-MAT (blood) |
| Leptospira bratislava | neg (0/30) | 0/10 | SSI | Ab-MAT (blood) |
| Methicillin resistant Staphylococcus aureus (MRSA) | neg (0/30) | 0/10 | SSI | Culture (n.swab) |
| Mycoplasma hyopneumoniae | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |
| Pasteurella multocida toxin (PMT) | neg (0/30) | 0/10 | SSI | RT-PCR (n. swab) |
| Salmonella spp. | neg (0/30) | 0/10 | SSI | Culture (feces) |
| Staphylococcus hyicus | neg (0/30) | 0/10 | SSI | Culture (skin scr.) |
| β-haemolytic Streptococci | pos (7/30) | 4/10** | SSI | Culture (v/p swab + skin scr.+ n.swab) |
| Streptococcus suis | neg (0/30) | 0/10 | SSI | Culture (n. swab) |
| Yersinia enterocolitica (serotype O3, O5, O8, O9) | neg (0/30) | 0/10 | SSI | Culture (feces) |
| FUNGAL INFECTIONS | | | | |
| Candida albicans | pos (13/30) | 0/10 | SSI | Culture (skin scr.) |
| Microsporium spp. | neg (0/30) | 0/10 | SSI | Culture (skin scr.) |
| Trichophyton spp. | neg (0/30) | 0/10 | SSI | Culture (skin scr.) |
| PARASITOLOGICAL INFECTIONS | | | | |
| Arthropods*** | neg (0/30) | 0/10 | SSI | Micr.insp. (skin scr.+cerumen) |
| Coccidia (Eimeria, Isospora) | neg (0/30) | 0/10 | SSI | McMaster (feces) |
| Cryptosporidia | neg (0/30) | 0/10 | SSI | qPCR (feces) |
| Giardia | neg (0/30) | 1/10 | SSI | qPCR (feces) |
| Helminths | neg (0/30) | 0/10 | SSI | McMaster (feces) |
| Toxoplasma gondii | neg (0/30) | 0/10 | SSI | Ab-ELISA (blood) |

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* Influenza A H1N1pdm09

**β-haemolytic Streptococci isolated from 4/10 v/p swabs (Lancefield Group G)

*** Excl. sarcoptes

Issued by:



Maja Ramløse, Attending Veterinarian

Date: Dec 22, 2023