

**Health Monitoring Report – based on FELASA recommendations**

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

**Date of issue:** July 10, 2020

**Unit N°:** Barrier II

**Date of examination:** June 15, 2020

Issued by on-site veterinarian

**Species:** Pig

**Strain:** Göttingen Minipig

**Rederivation:** March 1992

**Populated:** April 1998

	HISTORICAL RESULTS	CURRENT TEST RESULTS	LABORATORY	METHOD
<b>VIRAL INFECTIONS</b>				
Aujeszky's Disease	neg (0/375)	NE	NVI	Ab-ELISA
Classical Swine Fever (CSF)	neg (0/405)	NE	NVI	Ab-ELISA
Encephalomyocarditis Virus (EMC)	neg (0/479)	0/15	SSI	Ab-IPT
Haemagglutinating Encephalomyelitis (HEV)	neg (0/479)	0/15	SSI	Ab-IPT
Porcine Circovirus type 2 (PCV2)	neg (0/315)	NE	NVI	RT-PCR
Porcine Epidemic Diarrhoea (PED)	neg (0/420)	NE	NVI	Ab-ELISA
Influenza A, all subtypes	neg (0/480)	0/15	SSI	Ab-ELISA
Influenza A, all subtypes	pos (28/264)	0/15	SSI	RT-PCR
Porcine Parvovirus	neg (0/484)	NE	NVI	Ab-ELISA
Porcine Reproduct. & Resp. Syndrome (EU+US type)	neg (0/480)	0/15	SSI	Ab-ELISA
Porcine Respiratory Coronavirus (PRCV)	neg (0/480)	0/15	SSI	Ab-ELISA
Porcine Rotavirus	pos (76/470)	0/15	SSI	RT-PCR
Transmissible Gastroenteritis (TGE)	neg (0/405)	NE	NVI	Ab-ELISA
<b>BACTERIAL INFECTIONS</b>				
Actinobacillus pleuropneumoniae*				
Serotype 1, 2, 5, 6, 7, 8, 10, 12	neg (0/480)	0/15	SSI	Ab-ELISA
Actinobaculum (Eubacterium) suis	neg (0/355)	NE	NVI	Culture
Bordetella bronchiseptica	pos (15/519)	1/15	SSI	Culture
Brachyspira (Serpulina) hyodysenteriae	neg (0/405)	NE	NVI	Culture
Campylobacter spp.	pos (5/355)	NE		
Clostridium perfringens type A	pos (23/385)	NE	NVI	Culture + PCR
Clostridium perfringens type C	neg (0/394)	NE	NVI	Culture + PCR
Erysipelothrix rhusiopathiae	neg (0/479)	0/15	SSI	Culture
Haemophilus parasuis	neg (0/464)	NE	VAX	Ab-ELISA
Lawsonia intracellularis	neg (0/395)	NE	NVI	RT-PCR
Leptospira pomona	neg (0/410)	0/15	SSI	Ab-MAT
Leptospira bratislava	neg (0/410)	0/15	SSI	Ab-MAT
Mannheimia Varigena	neg (0/394)	0/15	SSI	Culture
Mycoplasma hyopneumoniae	neg (0/480)	0/15	SSI	Ab-ELISA
Pasteurella multocida toxin (PMT)	neg (0/465)	NE	NVI	ELISA
Salmonella spp.	neg (0/480)	0/15	SSI	Culture
Staphylococcus hyicus	neg (0/465)	NE	NVI	Culture
β-haemolytic Streptococci	pos (135/480)	9/15**	SSI	Culture
Streptococcus suis	neg (0/479)	0/15	SSI	Culture
Yersinia enterocolitica	neg (0/465)	NE	NVI	Culture
<b>FUNGAL INFECTIONS</b>				
Candida albicans	pos (143/370)	NE	NVI	Culture
Microsporium spp.	neg (0/380)	NE	NVI	Culture
Trichophyton spp.	neg (0/380)	NE	NVI	Culture
<b>PARASITOLOGICAL INFECTIONS</b>				
Arthropods	neg (0/440)	NE	NVI	Micr. insp.
Helminths	neg (0/455)	NE	NVI	McMaster
Coccidia (Eimeria, Isospora)	neg (0/440)	NE	NVI	McMaster
Toxoplasma gondii	neg (0/395)	NE	AHV	Ab-ELISA

Abbreviations for laboratories:

NVI: National Veterinary Institute, The Technical University of Denmark (Henrik Dams Allé, Building 205B, 2800 Lyngby)

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

AHV: Animal Health and Veterinary Laboratories Agency Newcastle, UK

VAX: Vaxxinova GmbH Diagnostics, Cuxhaven, Germany

Abbreviations for methods: Ab: Antibody; Ag: Antigen; CF: Complement binding; ELISA: Enzyme Linked Immuno-Sorbent Assay; IPT: Immuno Peroxidase Test; MAT: Microscopic Agglutination Test; Micr. Insp.: Microscopical Inspection; MPX: Multiplex serology, NE: Not examined in current screen; RT-PCR: Real time PCR.

\*Only serotype 2, 6 and 12 analysed in the current screen

\*\*β-haemolytic Streptococci isolated from 8/15 preputial/vaginal swabs (1 Lancefield Group B and 7 Lancefield Group G) and 1/15 skin swabs (Lancefield Group C). A total of 9 positive animals.

Issued by:



Kirsten Rosenmay Jacobsen, Attending Veterinarian

Date: July 10, 2020

**Health Monitoring Report – based on FELASA recommendations**

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

**Date of issue:** July 10, 2020

**Unit N°:** Barrier III

**Date of examination:** June 15, 2020

Issued by on-site veterinarian

**Species:** Pig

**Strain:** Göttingen Minipig

**Rederivation:** March 1992

**Populated:** May 2009

	HISTORICAL RESULTS	CURRENT TEST RESULTS	LABORATORY	METHOD
<b>VIRAL INFECTIONS</b>				
Aujeszky's Disease	neg (0/375)	NE	NVI	Ab-ELISA
Classical Swine Fever (CSF)	neg (0/405)	NE	NVI	Ab-ELISA
Encephalomyocarditis Virus (EMC)	neg (0/479)	0/15	SSI	Ab-IPT
Haemagglutinating Encephalomyelitis (HEV)	neg (0/479)	0/15	SSI	Ab-IPT
Porcine Circovirus type 2 (PCV2)	neg (0/315)	NE	NVI	RT-PCR
Porcine Epidemic Diarrhoea (PED)	neg (0/420)	NE	NVI	Ab-ELISA
Influenza A, all subtypes	neg (0/480)	0/15	SSI	Ab-ELISA
Influenza A, all subtypes	neg (0/250)	0/15	SSI	RT-PCR
Porcine Parvovirus	neg (0/484)	NE	NVI	Ab-ELISA
Porcine Reproduct. & Resp. Syndrome (EU+US type)	neg (0/480)	0/15	SSI	Ab-ELISA
Porcine Respiratory Coronavirus (PRCV)	neg (0/480)	0/15	SSI	Ab-ELISA
Porcine Rotavirus	pos (74/470)	0/15	SSI	RT-PCR
Transmissible Gastroenteritis (TGE)	neg (0/405)	NE	NVI	Ab-ELISA
<b>BACTERIAL INFECTIONS</b>				
Actinobacillus pleuropneumoniae*				
Serotype 1, 2, 5, 6, 7, 8, 10, 12	neg (0/480)	0/15	SSI	MPX/Ab-ELISA
Actinobaculum (Eubacterium) suis	neg (0/355)	NE	NVI	Culture
Bordetella bronchiseptica	pos (4/503)	0/15	SSI	Culture
Brachyspira (Serpulina) hyodysenteriae	neg (0/405)	NE	NVI	Culture
Campylobacter spp.	pos (12/370)	NE		
Clostridium perfringens type A	pos (20/385)	NE	NVI	Culture + PCR
Clostridium perfringens type C	neg (0/394)	NE	NVI	Culture + PCR
Erysipelothrix rhusiopathiae	neg (0/479)	0/15	SSI	Culture
Haemophilus parasuis	neg (0/464)	NE	VAX	Ab-ELISA
Lawsonia intracellularis	pos (59/395)	NE	NVI	RT-PCR
Leptospira pomona	neg (0/410)	0/15	SSI	Ab-MAT
Leptospira Bratislava	neg (0/410)	0/15	SSI	Ab-MAT
Mannheimia Varigena	neg (0/394)	0/15	SSI	Culture
Mycoplasma hyopneumoniae	neg (0/480)	0/15	SSI	Ab-ELISA
Pasteurella multocida toxin (PMT)	neg (0/465)	NE	NVI	ELISA
Salmonella spp.	neg (0/480)	0/15	SSI	Culture
Staphylococcus hyicus	neg (0/465)	NE	NVI	Culture
β-haemolytic Streptococci	pos (126/480)	4/15**	SSI	Culture
Streptococcus suis	neg (0/479)	0/15	SSI	Culture
Yersinia enterocolitica	neg (0/465)	NE	NVI	Culture
<b>FUNGAL INFECTIONS</b>				
Candida albicans	pos (163/370)	NE	NVI	Culture
Microsporium spp.	neg (0/380)	NE	NVI	Culture
Trichophyton spp.	neg (0/380)	NE	NVI	Culture
<b>PARASITOLOGICAL INFECTIONS</b>				
Arthropods	neg (0/440)	NE	NVI	Micr. insp.
Helminths	neg (0/459)	NE	NVI	McMaster
Coccidia (Eimeria, Isospora)	neg (0/450)	NE	NVI	McMaster
Toxoplasma gondii	neg (0/395)	NE	AHV	Ab-ELISA

Abbreviations for laboratories:

NVI: National Veterinary Institute, The Technical University of Denmark (Henrik Dams Allé, Building 205B, 2800 Lyngby)

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\*Only serotype 2, 6 and 12 examined in the current screen

\*\*β-haemolytic Streptococci isolated from 4/15 preputial/vaginal swabs (Lancefield Group G) and 1/15 skin swabs (Lancefield Group G). One animal was positive in both swabs.

Issued by:



Kirsten Rosenmay Jacobsen, Attending Veterinarian

Date: July 10, 2020

**Health Monitoring Report – based on FELASA recommendations**

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

**Date of issue:** July 10, 2020

**Unit N°:** Barrier V

**Date of examination:** June 15, 2020

Issued by on-site veterinarian

**Species:** Pig

**Strain:** Göttingen Minipig

**Rederivation:** March 1992

**Populated:** June 2016

	HISTORICAL RESULTS	CURRENT TEST RESULTS	LABORATORY	METHOD
<b>VIRAL INFECTIONS</b>				
Aujeszky's Disease	neg (0/30)	NE	NVI	Ab-ELISA
Classical Swine Fever (CSF)	neg (0/30)	NE	NVI	Ab-ELISA
Encephalomyocarditis Virus (EMC)	neg (0/60)	0/10	SSI	Ab-IPT
Haemagglutinating Encephalomyelitis (HEV)	neg (0/60)	0/10	SSI	Ab-IPT
Porcine Circovirus type 2 (PCV2)	neg (0/30)	NE	NVI	RT-PCR
Porcine Epidemic Diarrhoea (PED)	neg (0/30)	NE	NVI	Ab-ELISA
Influenza A, all subtypes	neg (0/60)	0/10	SSI	Ab-ELISA
Influenza A, all subtypes	neg (0/60)	0/10	SSI	RT-PCR
Porcine Parvovirus	neg (0/50)	NE	NVI	Ab-ELISA
Porcine Reproduct. & Resp. Syndrome (EU+US type)	neg (0/60)	0/10	SSI	Ab-ELISA
Porcine Respiratory Coronavirus (PRCV)	neg (0/60)	0/10	SSI	Ab-ELISA
Porcine Rotavirus	neg (0/60)	0/10	SSI	RT-PCR
Transmissible Gastroenteritis (TGE)	neg (0/30)	NE	NVI	Ab-ELISA
<b>BACTERIAL INFECTIONS</b>				
Actinobacillus pleuropneumoniae*				
Serotype 1, 2, 5, 6, 7, 8, 10, 12	neg (0/60)	0/10	SSI	MPX/Ab-ELISA
Actinobaculum (Eubacterium) suis	neg (0/50)	NE	NVI	Culture
Bordetella bronchiseptica	neg (0/60)	0/10	SSI	Culture
Brachyspira (Serpulina) hyodysenteriae	neg (0/30)	NE	NVI	Culture
Campylobacter spp.		NE		
Clostridium perfringens type A	neg (0/30)	NE	NVI	Culture + PCR
Clostridium perfringens type C	neg (0/30)	NE	NVI	Culture + PCR
Erysipelothrix rhusiopathiae	neg (0/60)	0/10	SSI	Culture
Haemophilus parasuis	neg (0/50)	NE	VAX	Ab-ELISA
Lawsonia intracellularis	pos (12/50)	NE	NVI	RT-PCR
Leptospira pomona	neg (0/60)	0/10	SSI	Ab-MAT
Leptospira bratislava	neg (0/60)	0/10	SSI	Ab-MAT
Mannheimia Varigena	neg (0/40)	0/10	SSI	Culture
Mycoplasma hyopneumoniae	neg (0/60)	0/10	SSI	Ab-ELISA
Pasteurella multocida toxin (PMT)	neg (0/50)	NE	NVI	ELISA
Salmonella spp.	neg (0/60)	0/10	SSI	Culture
Staphylococcus hyicus	neg (0/50)	NE	NVI	Culture
β-haemolytic Streptococci	pos (14/60)	2/10*	SSI	Culture
Streptococcus suis	neg (0/60)	0/10	SSI	Culture
Yersinia enterocolitica	neg (0/50)	NE	NVI	Culture
<b>FUNGAL INFECTIONS</b>				
Candida albicans	pos (13/30)	NE	NVI	Culture
Microsporium spp.	neg (0/30)	NE	NVI	Culture
Trichophyton spp.	neg (0/30)	NE	NVI	Culture
<b>PARASITOLOGICAL INFECTIONS</b>				
Arthropods	neg (0/50)	NE	NVI	Micr. insp.
Helminths	neg (0/50)	NE	NVI	McMaster
Coccidia (Eimeria, Isospora)	neg (0/50)	NE	NVI	McMaster
Toxoplasma gondii	neg (0/30)	NE	AHV	Ab-ELISA

Abbreviations for laboratories:

NVI: National Veterinary Institute, The Technical University of Denmark (Henrik Dams Allé, Building 205B, 2800 Lyngby)

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\*Only serotype 2, 6 and 12 analysed in the current screen

\*\*β-haemolytic Streptococci isolated from 2/10 preputial/vaginal swabs (1 Lancefield Group B and 1 Lancefield Group G).

Issued by:



Kirsten Rosenmay Jacobsen, Attending Veterinarian

Date: July 10, 2020