

Health Monitoring Report – based on FELASA recommendations

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

Date of issue: June 27, 2019

Unit N°: Barrier II

Date of examination: May 21, 2019

Issued by on-site veterinarian

Species: Pig

Strain: Göttingen Minipig

Rederivation: March 1992

Populated: April 1998

	HISTORICAL RESULTS	CURRENT TEST RESULTS	LABORATORY	METHOD
VIRAL INFECTIONS				
Aujeszky's Disease	neg (0/360)	NE	NVI	Ab-ELISA
Classical Swine Fever (CSF)	neg (0/390)	NE	NVI	Ab-ELISA
Encephalomyocarditis Virus (EMC)	neg (0/449)	0/15	NVI	Ab-IPT
Haemagglutinating Encephalomyelitis (HEV)	neg (0/449)	0/15	NVI	Ab-IPT
Porcine Circovirus type 2 (PCV2)	neg (0/300)	NE	NVI	RT-PCR
Porcine Epidemic Diarrhoea (PED)	neg (0/405)	NE	NVI	Ab-ELISA
Porcine Influenza, all subtypes	neg (0/450)	0/15	NVI	Ab-ELISA
Porcine Influenza: H1N1 (Pandemic Influenza A, H1N1)	pos (28/234)	0/15	NVI	RT-PCR
Porcine Parvovirus	neg (0/469)	0/15	NVI	Ab-ELISA
Porcine Reproduct. & Resp. Syndrome (EU+US type)	neg (0/450)	0/15	NVI	MPX
Porcine Respiratory Coronavirus (PRCV)	neg (0/450)	0/15	NVI	Ab-ELISA
Porcine Rotavirus	pos (76/440)	0/15	NVI	RT-PCR
Transmissible Gastroenteritis (TGE)	neg (0/390)	NE	NVI	Ab-ELISA
BACTERIAL INFECTIONS				
Actinobacillus pleuropneumoniae				
Serotype 1, 2, 5, 6, 7, 8, 10, 12	neg (0/450)	0/15	NVI	MPX/Ab-ELISA
Actinobaculum (Eubacterium) suis	neg (0/340)	0/15	NVI	Culture
Bordetella bronchiseptica	pos (14/489)	2/15	NVI	Culture
Brachyspira (Serpulina) hyodysenteriae	neg (0/390)	NE	NVI	Culture
Campylobacter spp.	pos (5/355)	NE		
Clostridium perfringens type A	pos (22/370)	NE	NVI	Culture + PCR
Clostridium perfringens type C	neg (0/379)	NE	NVI	Culture + PCR
Erysipelothrix rhusiopathiae	neg (0/449)	0/15	NVI	Culture
Haemophilus parasuis	neg (0/449)	0/15	VAX	Ab-ELISA
Lawsonia intracellularis	neg (0/380)	0/15	NVI	RT-PCR
Leptospira pomona	neg (0/380)	0/15	NVI	Ab-MAT
Leptospira bratislava	neg (0/380)	0/15	NVI	Ab-MAT
Mannheimia Varigena	neg (0/364)	NE	NVI	Culture
Mycoplasma hyopneumoniae	neg (0/450)	0/15	NVI	Ab-ELISA
Pasteurella multocida toxin (PMT)	neg (0/450)	0/15	NVI	ELISA
Salmonella spp.	neg (0/450)	0/15	NVI	Culture
Staphylococcus hyicus	neg (0/450)	0/15	NVI	Culture
β-haemolytic Streptococci	pos (118/450)	6/15*	NVI	Culture
Streptococcus suis	neg (0/449)	0/15	NVI	Culture
Yersinia enterocolitica	neg (0/450)	0/15	NVI	Culture
FUNGAL INFECTIONS				
Candida albicans	pos (140/355)	NE	NVI	Culture
Microsporium spp.	neg (0/365)	NE	NVI	Culture
Trichophyton spp.	neg (0/365)	NE	NVI	Culture
PARASITOLOGICAL INFECTIONS				
Arthropods	neg (0/425)	0/15	NVI	Micr. insp.
Helminths	neg (0/440)	0/15	NVI	McMaster
Coccidia (Eimeria, Isospora)	neg (0/425)	0/15	NVI	McMaster
Toxoplasma gondii	neg (0/380)	NE	AHV	Ab-ELISA

Abbreviations for laboratories:

NVI: National Veterinary Institute, The Technical University of Denmark (Henrik Dams Allé, Building 205B, 2800 Lyngby and Lindholm, 4771 Kalvehave Denmark),

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.

*β-haemolytic Streptococci (Streptococcus dysgalactiae ssp equisimilis) isolated from 6/15 preputial/vaginal swabs.

Issued by:



Kirsten Rosenmay Jacobsen, Attending Veterinarian

Date: June 27, 2019

Health Monitoring Report – based on FELASA recommendations

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

Date of issue: June 27, 2019

Unit N°: Barrier III

Date of examination: May 21, 2019

Issued by on-site veterinarian

Species: Pig

Strain: Göttingen Minipig

Rederivation: March 1992

Populated: May 2009

	HISTORICAL RESULTS	CURRENT TEST RESULTS	LABORATORY	METHOD
VIRAL INFECTIONS				
Aujeszky's Disease	neg (0/360)	NE	NVI	Ab-ELISA
Classical Swine Fever (CSF)	neg (0/390)	NE	NVI	Ab-ELISA
Encephalomyocarditis Virus (EMC)	neg (0/449)	0/15	NVI	Ab-IPT
Haemagglutinating Encephalomyelitis (HEV)	neg (0/449)	0/15	NVI	Ab-IPT
Porcine Circovirus type 2 (PCV2)	neg (0/300)	NE	NVI	RT-PCR
Porcine Epidemic Diarrhoea (PED)	neg (0/405)	NE	NVI	Ab-ELISA
Porcine Influenza, all subtypes	neg (0/450)	0/15	NVI	Ab-ELISA
Porcine Influenza (Pandemic Influenza A, H1N1)	neg (0/220)	0/15	NVI	RT-PCR
Porcine Parvovirus	neg (0/469)	0/15	NVI	Ab-ELISA
Porcine Reproduct. & Resp. Syndrome (EU+US type)	neg (0/450)	0/15	NVI	MPX
Porcine Respiratory Coronavirus (PRCV)	neg (0/450)	0/15	NVI	Ab-ELISA
Porcine Rotavirus	pos (74/440)	0/15	NVI	RT-PCR
Transmissible Gastroenteritis (TGE)	neg (0/390)	NE	NVI	Ab-ELISA
BACTERIAL INFECTIONS				
Actinobacillus pleuropneumoniae				
Serotype 1, 2, 5, 6, 7, 8, 10, 12	neg (0/450)	0/15	NVI	MPX/Ab-ELISA
Actinobaculum (Eubacterium) suis	neg (0/340)	0/15	NVI	Culture
Bordetella bronchiseptica	pos (4/473)	0/15	NVI	Culture
Brachyspira (Serpulina) hyodysenteriae	neg (0/390)	NE	NVI	Culture
Campylobacter spp.	pos (12/370)	NE		
Clostridium perfringens type A	pos (20/370)	NE	NVI	Culture + PCR
Clostridium perfringens type C	neg (0/379)	NE	NVI	Culture + PCR
Erysipelothrix rhusiopathiae	neg (0/449)	0/15	NVI	Culture
Haemophilus parasuis	neg (0/449)	0/15	VAX	Ab-ELISA
Lawsonia intracellularis	pos (59/380)	0/15	NVI	RT-PCR
Leptospira pomona	neg (0/380)	0/15	NVI	Ab-MAT
Leptospira Bratislava	neg (0/380)	0/15	NVI	Ab-MAT
Mannheimia Varigena	neg (0/364)	NE	NVI	Culture
Mycoplasma hyopneumoniae	neg (0/450)	0/15	NVI	Ab-ELISA
Pasteurella multocida toxin (PMT)	neg (0/450)	0/15	NVI	ELISA
Salmonella spp.	neg (0/450)	0/15	NVI	Culture
Staphylococcus hyicus	neg (0/450)	0/15	NVI	Culture
β-haemolytic Streptococci	pos (116/450)	9/15*	NVI	Culture
Streptococcus suis	neg (0/449)	0/15	NVI	Culture
Yersinia enterocolitica	neg (0/450)	0/15	NVI	Culture
FUNGAL INFECTIONS				
Candida albicans	pos (160/355)	NE	NVI	Culture
Microsporium spp.	neg (0/365)	NE	NVI	Culture
Trichophyton spp.	neg (0/365)	NE	NVI	Culture
PARASITOLOGICAL INFECTIONS				
Arthropods	neg (0/425)	0/15	NVI	Micr. insp.
Helminths	neg (0/444)	0/15	NVI	McMaster
Coccidia (Eimeria, Isospora)	neg (0/435)	0/15	NVI	McMaster
Toxoplasma gondii	neg (0/380)	NE	AHV	Ab-ELISA

Abbreviations for laboratories:

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*β-haemolytic Streptococci (Streptococcus dysgalactiae ssp equisimilis) isolated from 9/15 preputial/vaginal swabs.

Issued by:



Kirsten Rosenmay Jacobsen, Attending Veterinarian

Date: June 27, 2019

Health Monitoring Report – based on FELASA recommendations

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

Date of issue: June 27, 2019

Unit N°: Barrier V

Date of examination: May 21, 2019

Issued by on-site veterinarian

Species: Pig

Strain: Göttingen Minipig

Rederivation: March 1992

Populated: June 2016

	HISTORICAL RESULTS	CURRENT TEST RESULTS	LABORATORY	METHOD
VIRAL INFECTIONS				
Aujeszky's Disease	neg (0/20)	NE	NVI	Ab-ELISA
Classical Swine Fever (CSF)	neg (0/20)	NE	NVI	Ab-ELISA
Encephalomyocarditis Virus (EMC)	neg (0/40)	0/10	NVI	Ab-IPT
Haemagglutinating Encephalomyelitis (HEV)	neg (0/40)	0/10	NVI	Ab-IPT
Porcine Circovirus type 2 (PCV2)	neg (0/20)	NE	NVI	RT-PCR
Porcine Epidemic Diarrhoea (PED)	neg (0/20)	NE	NVI	Ab-ELISA
Porcine Influenza, all subtypes	neg (0/40)	0/10	NVI	Ab-ELISA
Porcine Influenza: H1N1 (Pandemic Influenza A, H1N1)	neg (0/40)	0/10	NVI	RT-PCR
Porcine Parvovirus	neg (0/40)	0/10	NVI	Ab-ELISA
Porcine Reproduct. & Resp. Syndrome (EU+US type)	neg (0/40)	0/10	NVI	MPX
Porcine Respiratory Coronavirus (PRCV)	neg (0/40)	0/10	NVI	Ab-ELISA
Porcine Rotavirus	neg (0/40)	0/10	NVI	RT-PCR
Transmissible Gastroenteritis (TGE)	neg (0/20)	NE	NVI	Ab-ELISA
BACTERIAL INFECTIONS				
Actinobacillus pleuropneumoniae				
Serotype 1, 2, 5, 6, 7, 8, 10, 12	neg (0/40)	0/10	NVI	MPX/Ab-ELISA
Actinobaculum (Eubacterium) suis	neg (0/40)	0/10	NVI	Culture
Bordetella bronchiseptica	neg (0/40)	0/10	NVI	Culture
Brachyspira (Serpulina) hyodysenteriae	neg (0/20)	NE	NVI	Culture
Campylobacter spp.		NE		
Clostridium perfringens type A	neg (0/20)	NE	NVI	Culture + PCR
Clostridium perfringens type C	neg (0/20)	NE	NVI	Culture + PCR
Erysipelothrix rhusiopathiae	neg (0/40)	0/10	NVI	Culture
Haemophilus parasuis	neg (0/40)	0/10	VAX	Ab-ELISA
Lawsonia intracellularis	pos (12/40)	0/10	NVI	RT-PCR
Leptospira pomona	neg (0/40)	0/10	NVI	Ab-MAT
Leptospira bratislava	neg (0/40)	0/10	NVI	Ab-MAT
Mannheimia Varigena	neg (0/20)	NE	NVI	Culture
Mycoplasma hyopneumoniae	neg (0/40)	0/10	NVI	Ab-ELISA
Pasteurella multocida toxin (PMT)	neg (0/40)	0/10	NVI	ELISA
Salmonella spp.	neg (0/40)	0/10	NVI	Culture
Staphylococcus hyicus	neg (0/40)	0/10	NVI	Culture
β-haemolytic Streptococci	pos (7/40)	2/10*	NVI	Culture
Streptococcus suis	neg (0/40)	0/10	NVI	Culture
Yersinia enterocolitica	neg (0/40)	0/10	NVI	Culture
FUNGAL INFECTIONS				
Candida albicans	pos (12/20)	NE	NVI	Culture
Microsporium spp.	neg (0/20)	NE	NVI	Culture
Trichophyton spp.	neg (0/20)	NE	NVI	Culture
PARASITOLOGICAL INFECTIONS				
Arthropods	neg (0/40)	0/10	NVI	Micr. insp.
Helminths	neg (0/40)	0/10	NVI	McMaster
Coccidia (Eimeria, Isospora)	neg (0/40)	0/10	NVI	McMaster
Toxoplasma gondii	neg (0/20)	NE	AHV	Ab-ELISA

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*β-haemolytic Streptococci (Streptococcus dysgalactiae ssp equisimilis) isolated from 2/10 preputial/vaginal swabs.

Issued by:



Kirsten Rosenmay Jacobsen, Attending Veterinarian

Date: June 27, 2019