

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, 2018

Unit N°: Barrier II

Date of examination: May 22, 2018

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 (0/345)	NE	NVI	Ab-ELISA
Classical Swine Fever (CSF)	neg (0/375)	NE	NVI	Ab-ELISA
Encephalomyocarditis Virus (EMC)	neg (0/419)	0/15	NVI	Ab-IPT
Haemagglutinating Encephalomyelitis (HEV)	neg (0/419)	0/15	NVI	Ab-IPT
Porcine Circovirus type 2 (PCV2)	neg (0/285)	NE	NVI	Ab-ELISA
Porcine Epidemic Diarrhoea (PED)	neg (0/390)	NE	NVI	Ab-ELISA
Porcine Influenza, all subtypes	neg (0/420)	0/15	NVI	Ab-ELISA
Porcine Influenza: H1N1 (Pandemic Influenza A, H1N1)	pos (28/204)	0/15	NVI	RT-PCR
Porcine Parvovirus	neg (0/439)	0/15	NVI	Ab-ELISA
Porcine Reproduct. & Resp. Syndrome (EU+US type)	neg (0/420)	0/15	NVI	Ab-ELISA
Porcine Respiratory Coronavirus (PRCV)	neg (0/420)	0/15	NVI	Ab-ELISA
Porcine Rotavirus	pos (76/410)	2/15	NVI	Ag-ELISA
Transmissible Gastroenteritis (TGE)	neg (0/375)	NE	NVI	Ab-ELISA
BACTERIAL INFECTIONS				
Actinobacillus pleuropneumoniae				
Serotype 1, 2, 5, 6, 7, 8, 10, 12	neg (0/420)	0/15	NVI	CF/Ab-ELISA
Actinobaculum (Eubacterium) suis	neg (0/310)	0/15	NVI	Culture
Bordetella bronchiseptica	pos (10/459)	3/15	NVI	Culture
Brachyspira (Serpulina) hyodysenteriae	neg (0/375)	NE	NVI	Culture
Campylobacter spp.	pos (5/355)	NE		
Clostridium perfringens type A	pos (22/355)	NE	NVI	Culture + PCR
Clostridium perfringens type C	neg (0/364)	NE	NVI	Culture + PCR
Erysipelothrix rhusiopathiae	neg (0/419)	0/15	NVI	Culture
Haemophilus parasuis	neg (0/419)	0/15	NVI	Ab-CF
Lawsonia intracellularis	neg (0/350)	0/15	NVI	Ab-ELISA
Leptospira pomona	neg (0/350)	0/15	NVI	Ab-MAT
Leptospira bratislava	neg (0/350)	0/15	NVI	Ab-MAT
Mannheimia Varigena	neg (0/349)	NE	NVI	Culture
Mycoplasma hyopneumoniae	neg (0/420)	0/15	NVI	Ab-ELISA
Pasteurella multocida toxin (PMT)	neg (0/420)	0/15	NVI	ELISA
Salmonella spp.	neg (0/420)	0/15	NVI	Culture
Staphylococcus hyicus	neg (0/420)	0/15	NVI	Culture
β-haemolytic Streptococci	pos (106/420)	6/15*	NVI	Culture
Streptococcus suis	neg (0/419)	0/15	NVI	Culture
Yersinia enterocolitica	neg (0/420)	0/15	NVI	Culture
FUNGAL INFECTIONS				
Candida albicans	pos (137/340)	NE	NVI	Culture
Microsporium spp.	neg (0/350)	NE	NVI	Culture
Trichophyton spp.	neg (0/350)	NE	NVI	Culture
PARASITOLOGICAL INFECTIONS				
Arthropods	neg (0/395)	0/15	NVI	Micr. insp.
Helminths	neg (0/410)	0/15	NVI	McMaster
Coccidia (Eimeria, Isospora)	neg (0/395)	0/15	NVI	McMaster
Toxoplasma gondii	neg (0/365)	NE	AHV	Ab-LAT

Abbreviations for laboratories:

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

AHV: Animal Health and Veterinary Laboratories Agency Newcastle, UK

Abbreviations for methods:

Ab: Antibody; Ag: Antigen; CF: Complement binding; ELISA: Enzyme Linked Immuno-Sorbent Assay; IPT: Immuno Peroxidase Test; LAT: Latex Agglutination test; MAT: Microscopic Agglutination Test; Micr. Insp.: Microscopical Inspection; NE: Not examined in current screen.

*β-haemolytic Streptococci (Streptococcus dysgalactiae ssp equisimilis) isolated from 1/15 skin swabs and from 6/15 preputial/vaginal swabs. 1 animal had a positive skin and vaginal swab.

Issued by:



Kirsten Rosenmay Jacobsen, Attending Veterinarian

Date: June 27, 2018

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, 2018

Unit N°: Barrier III

Date of examination: May 22, 2018

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 (0/345)	NE	NVI	Ab-ELISA
Classical Swine Fever (CSF)	neg (0/375)	NE	NVI	Ab-ELISA
Encephalomyocarditis Virus (EMC)	neg (0/419)	0/15	NVI	Ab-IPT
Haemagglutinating Encephalomyelitis (HEV)	neg (0/419)	0/15	NVI	Ab-IPT
Porcine Circovirus type 2 (PCV2)	neg (0/285)	NE	NVI	Ab-ELISA
Porcine Epidemic Diarrhoea (PED)	neg (0/390)	NE	NVI	Ab-ELISA
Porcine Influenza, all subtypes	neg (0/420)	0/15	NVI	Ab-ELISA
Porcine Influenza (Pandemic Influenza A, H1N1)	neg (0/190)	0/15	NVI	RT-PCR
Porcine Parvovirus	neg (0/439)	0/15	NVI	Ab-ELISA
Porcine Reproduct. & Resp. Syndrome (EU+US type)	neg (0/420)	0/15	NVI	Ab-ELISA
Porcine Respiratory Coronavirus (PRCV)	neg (0/420)	0/15	NVI	Ab-ELISA
Porcine Rotavirus	pos (74/410)	0/15	NVI	Ag-ELISA
Transmissible Gastroenteritis (TGE)	neg (0/375)	NE	NVI	Ab-ELISA
BACTERIAL INFECTIONS				
Actinobacillus pleuropneumoniae				
Serotype 1, 2, 5, 6, 7, 8, 10, 12	neg (0/420)	0/15	NVI	CF/Ab-ELISA
Actinobaculum (Eubacterium) suis	neg (0/310)	0/15	NVI	Culture
Bordetella bronchiseptica	pos (4/443)	0/15	NVI	Culture
Brachyspira (Serpulina) hyodysenteriae	neg (0/375)	NE	NVI	Culture
Campylobacter spp.	pos (12/355)	NE		
Clostridium perfringens type A	pos (20/355)	NE	NVI	Culture + PCR
Clostridium perfringens type C	neg (0/364)	NE	NVI	Culture + PCR
Erysipelothrix rhusiopathiae	neg (0/419)	0/15	NVI	Culture
Haemophilus parasuis	neg (0/419)	0/15	NVI	Ab-CF
Lawsonia intracellularis	pos (58/350)	9/15	NVI	Ab-ELISA
Leptospira pomona	neg (0/350)	0/15	NVI	Ab-MAT
Leptospira Bratislava	neg (0/350)	0/15	NVI	Ab-MAT
Mannheimia Varigena	neg (0/349)	NE	NVI	Culture
Mycoplasma hyopneumoniae	neg (0/420)	0/15	NVI	Ab-ELISA
Pasteurella multocida toxin (PMT)	neg (0/420)	0/15	NVI	ELISA
Salmonella spp.	neg (0/420)	0/15	NVI	Culture
Staphylococcus hyicus	neg (0/420)	0/15	NVI	Culture
β-haemolytic Streptococci	pos (97/420)	7/15*	NVI	Culture
Streptococcus suis	neg (0/419)	0/15	NVI	Culture
Yersinia enterocolitica	neg (0/420)	0/15	NVI	Culture
FUNGAL INFECTIONS				
Candida albicans	pos (154/340)	NE	NVI	Culture
Microsporium spp.	neg (0/350)	NE	NVI	Culture
Trichophyton spp.	neg (0/350)	NE	NVI	Culture
PARASITOLOGICAL INFECTIONS				
Arthropods	neg (0/395)	0/15	NVI	Micr. insp.
Helminths	neg (0/414)	0/15	NVI	McMaster
Coccidia (Eimeria, Isospora)	neg (0/405)	0/15	NVI	McMaster
Toxoplasma gondii	neg (0/365)	NE	AHV	Ab-LAT

Abbreviations for laboratories:

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

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Abbreviations for methods:

Ab: Antibody; Ag: Antigen; CF: Complement binding; ELISA: Enzyme Linked Immuno-Sorbent Assay; IPT: Immuno Peroxidase Test; LAT: Latex Agglutination test; MAT: Microscopic Agglutination Test; Micr. Insp.: Microscopical Inspection; NE: Not examined in current screen.

*β-haemolytic Streptococci isolated from 4/15 skin samples (3 animals with Streptococcus dysgalactiae ssp equisimilis and 1 animal with Streptococcus agalactiae) and 5/15 preputial/vaginal samples were positive with Streptococcus dysgalactiae ssp equisimilis. Two animals had a positive skin and preputial or vaginal swab.

Issued by:



Kirsten Rosenmay Jacobsen, Attending Veterinarian

Date: June 27, 2018

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, 2018

Unit N°: Barrier V

Date of examination: May 22, 2018

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 (0/10)	NE	NVI	Ab-ELISA
Classical Swine Fever (CSF)	neg (0/10)	NE	NVI	Ab-ELISA
Encephalomyocarditis Virus (EMC)	neg (0/20)	0/10	NVI	Ab-IPT
Haemagglutinating Encephalomyelitis (HEV)	neg (0/20)	0/10	NVI	Ab-IPT
Porcine Circovirus type 2 (PCV2)	neg (0/10)	NE	NVI	Ab-ELISA
Porcine Epidemic Diarrhoea (PED)	neg (0/10)	NE	NVI	Ab-ELISA
Porcine Influenza, all subtypes	neg (0/20)	0/10	NVI	Ab-ELISA
Porcine Influenza: H1N1 (Pandemic Influenza A, H1N1)	neg (0/20)	0/10	NVI	RT-PCR
Porcine Parvovirus	neg (0/20)	0/10	NVI	Ab-ELISA
Porcine Reproduct. & Resp. Syndrome (EU+US type)	neg (0/20)	0/10	NVI	Ab-ELISA
Porcine Respiratory Coronavirus (PRCV)	neg (0/20)	0/10	NVI	Ab-ELISA
Porcine Rotavirus	neg (0/20)	0/10	NVI	Ag-ELISA
Transmissible Gastroenteritis (TGE)	neg (0/10)	NE	NVI	Ab-ELISA
BACTERIAL INFECTIONS				
Actinobacillus pleuropneumoniae				
Serotype 1, 2, 5, 6, 7, 8, 10, 12	neg (0/20)	0/10	NVI	CF/Ab-ELISA
Actinobaculum (Eubacterium) suis	neg (0/20)	0/10	NVI	Culture
Bordetella bronchiseptica	neg (0/20)	0/10	NVI	Culture
Brachyspira (Serpulina) hyodysenteriae	neg (0/10)	NE	NVI	Culture
Campylobacter spp.		NE		
Clostridium perfringens type A	neg (0/10)	NE	NVI	Culture + PCR
Clostridium perfringens type C	neg (0/10)	NE	NVI	Culture + PCR
Erysipelothrix rhusiopathiae	neg (0/20)	0/10	NVI	Culture
Haemophilus parasuis	neg (0/20)	0/10	NVI	Ab-CF
Lawsonia intracellularis	pos (12/20)	4/10	NVI	Ab-ELISA
Leptospira pomona	neg (0/20)	0/10	NVI	Ab-MAT
Leptospira bratislava	neg (0/20)	0/10	NVI	Ab-MAT
Mannheimia Varigena	neg (0/10)	NE	NVI	Culture
Mycoplasma hyopneumoniae	neg (0/20)	0/10	NVI	Ab-ELISA
Pasteurella multocida toxin (PMT)	neg (0/20)	0/10	NVI	ELISA
Salmonella spp.	neg (0/20)	0/10	NVI	Culture
Staphylococcus hyicus	neg (0/20)	0/10	NVI	Culture
β-haemolytic Streptococci	pos (5/20)	3/10*	NVI	Culture
Streptococcus suis	neg (0/20)	0/10	NVI	Culture
Yersinia enterocolitica	neg (0/20)	0/10	NVI	Culture
FUNGAL INFECTIONS				
Candida albicans	pos (6/10)	NE	NVI	Culture
Microsporum spp.	neg (0/10)	NE	NVI	Culture
Trichophyton spp.	neg (0/10)	NE	NVI	Culture
PARASITOLOGICAL INFECTIONS				
Arthropods	neg (0/20)	0/10	NVI	Micr. insp.
Helminths	neg (0/20)	0/10	NVI	McMaster
Coccidia (Eimeria, Isospora)	neg (0/20)	0/10	NVI	McMaster
Toxoplasma gondii	neg (0/10)	NE	AHV	Ab-LAT

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*β-haemolytic Streptococci (Streptococcus dysgalactiae ssp equisimilis) isolated from 3/10 preputial/vaginal swabs.

Issued by:



Kirsten Rosenmay Jacobsen, Attending Veterinarian

Date: June 27, 2018