

Health Monitoring Report – based on FELASA recommendations

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

Date of issue: Jul 06, 2021

Unit N°: Barrier II

Date of examination: May 04 2021

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)	NE	SSI	Ab-ELISA (blood)
Classical Swine Fever (CSF)	neg (0/45)	NE	SSI	Ab-ELISA (blood)
Haemagglutinating Encephalomyelitis (HEV)	neg (0/45)	NE	SSI	Ab-IPT (blood)
Porcine Circovirus type 2 (PCV2)	neg (0/45)	NE	SSI	RT-PCR (blood)
Porcine Epidemic Diarrhoea (PED)	neg (0/45)	NE	SSI	Ab-ELISA (blood)
Influenza A, all subtypes	neg (0/45)	0/15	SSI	Ab-ELISA (blood)
Influenza A, all subtypes	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)	NE	SSI	Ab-ELISA (blood)
Porcine Rotavirus	neg (0/45)	NE	SSI	RT-PCR (feces)
Transmissible Gastroenteritis (TGE)	neg (0/45)	NE	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)	3/15	SSI	Culture (n. swab)
Brachyspira (Serpulina) hyodysenteriae	neg (0/45)	NE	SSI	RT-PCR (feces)
Clostridium perfringens type A	pos (2/45)	NE	SSI	Culture + RT-PCR (feces)
Clostridium perfringens type C	neg (0/45)	NE	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)	NE	SSI	Ab-MAT (blood)
Leptospira bratislava	neg (0/45)	NE	SSI	Ab-MAT (blood)
Methicillin resistant Staphylococcus aureus (MRSA)	NE	NE	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 (25/45)	6/15*	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 (8/45)	NE	SSI	Culture (skin scr.)
Microsporum spp.	neg (0/45)	NE	SSI	Culture (skin scr.)
Trichophyton spp.	neg (0/45)	NE	SSI	Culture (skin scr.)
PARASITOLOGICAL INFECTIONS				
Arthropods	neg (0/45)	NE	SSI	Micr.insp. (skin scr.+cerumen)
Coccidia (Eimeria, Isospora)	neg (0/45)	NE	SSI	McMaster (feces)
Cryptosporidia	NE	NE	SSI	qPCR (feces)
Giardia	NE	NE	SSI	qPCR (feces)
Helminths	neg (0/45)	NE	SSI	McMaster (feces)
Toxoplasma gondii	neg (0/45)	NE	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

* All positive isolates were detected in vaginal/preputial swabs and classified as Lancefield Group G

** 1-2 isolates that were not O-typeable were detected. Tests indicate these are non-pathogenic, environmental biotype 1A Y. enterocolitica.

Issued by:

Maja Ramløse, Attending Veterinarian

Date: Jul 06, 2021

Health Monitoring Report – based on FELASA recommendations

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

Date of issue: Jul 06, 2021

Unit N°: Barrier III

Date of examination: May 04 2021

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)	NE	SSI	Ab-ELISA (blood)
Classical Swine Fever (CSF)	neg (0/45)	NE	SSI	Ab-ELISA (blood)
Haemagglutinating Encephalomyelitis (HEV)	neg (0/45)	NE	SSI	Ab-IPT (blood)
Porcine Circovirus type 2 (PCV2)	neg (0/45)	NE	SSI	RT-PCR (blood)
Porcine Epidemic Diarrhoea (PED)	neg (0/45)	NE	SSI	Ab-ELISA (blood)
Influenza A, all subtypes	neg (0/45)	0/15	SSI	Ab-ELISA (blood)
Influenza A, all subtypes	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)	NE	SSI	Ab-ELISA (blood)
Porcine Rotavirus	neg (0/45)	NE	SSI	RT-PCR (feces)
Transmissible Gastroenteritis (TGE)	neg (0/45)	NE	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)	NE	SSI	RT-PCR (feces)
Clostridium perfringens type A	neg (0/45)	NE	SSI	Culture + RT-PCR (feces)
Clostridium perfringens type C	neg (0/45)	NE	SSI	Culture + RT-PCR (feces)
Erysipelothrix rhusiopathiae	neg (0/45)	0/15	SSI	Culture (n.swab)
Lawsonia intracellularis	pos (1/45)	2/15	SSI	RT-PCR (feces)
Leptospira pomona	neg (0/45)	NE	SSI	Ab-MAT (blood)
Leptospira bratislava	neg (0/45)	NE	SSI	Ab-MAT (blood)
Methicillin resistant Staphylococcus aureus (MRSA)	NE	NE	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 (18/45)	NE	SSI	Culture (skin scr.)
Microsporum spp.	neg (0/45)	NE	SSI	Culture (skin scr.)
Trichophyton spp.	neg (0/45)	NE	SSI	Culture (skin scr.)
PARASITOLOGICAL INFECTIONS				
Arthropods	neg (0/45)	NE	SSI	Micr.insp. (skin scr.+cerumen)
Coccidia (Eimeria, Isospora)	neg (0/45)	NE	SSI	McMaster (feces)
Cryptosporidia	NE	NE	SSI	qPCR (feces)
Giardia	NE	NE	SSI	qPCR (feces)
Helminths	neg (0/45)	NE	SSI	McMaster (feces)
Toxoplasma gondii	neg (0/45)	NE	SSI	Ab-ELISA (blood)

Abbreviation for laboratory:

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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

* All positive isolates were detected in vaginal/preputial swabs and/or skin scraping and classified as Lancefield Group G and -C

Issued by:

Maja Ramløse, Attending Veterinarian

Date: Jul 06, 2021

Health Monitoring Report – based on FELASA recommendations

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

Date of issue: Jul 06, 2021

Unit N°: Barrier V

Date of examination: May 04 2021

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)	NE	SSI	Ab-ELISA (blood)
Classical Swine Fever (CSF)	neg (0/30)	NE	SSI	Ab-ELISA (blood)
Haemagglutinating Encephalomyelitis (HEV)	neg (0/30)	NE	SSI	Ab-IPT (blood)
Porcine Circovirus type 2 (PCV2)	neg (0/30)	NE	SSI	RT-PCR (blood)
Porcine Epidemic Diarrhoea (PED)	neg (0/30)	NE	SSI	Ab-ELISA (blood)
Influenza A, all subtypes	neg (0/30)	0/10	SSI	Ab-ELISA (blood)
Influenza A, all subtypes	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)	NE	SSI	RT-PCR (feces)
Transmissible Gastroenteritis (TGE)	neg (0/30)	NE	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	neg (0/30)	NE	SSI	Culture + RT-PCR (feces)
Clostridium perfringens type C	neg (0/30)	NE	SSI	Culture + RT-PCR (feces)
Erysipelothrix rhusiopathiae	neg (0/30)	0/10	SSI	Culture (n.swab)
Lawsonia intracellularis	neg (0/30)	6/10	SSI	RT-PCR (feces)
Leptospira pomona	neg (0/30)	NE	SSI	Ab-MAT (blood)
Leptospira bratislava	neg (0/30)	NE	SSI	Ab-MAT (blood)
Methicillin resistant Staphylococcus aureus (MRSA)	NE	NE	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 (8/30)	6/10*	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 (14/30)	NE	SSI	Culture (skin scr.)
Microsporum spp.	neg (0/30)	NE	SSI	Culture (skin scr.)
Trichophyton spp.	neg (0/30)	NE	SSI	Culture (skin scr.)
PARASITOLOGICAL INFECTIONS				
Arthropods	neg (0/30)	NE	SSI	Micr.insp. (skin scr.+cerumen)
Coccidia (Eimeria, Isospora)	neg (0/30)	NE	SSI	McMaster (feces)
Cryptosporidia	NE	NE	SSI	qPCR (feces)
Giardia	NE	NE	SSI	qPCR (feces)
Helminths	neg (0/30)	NE	SSI	McMaster (feces)
Toxoplasma gondii	neg (0/30)	NE	SSI	Ab-ELISA (blood)

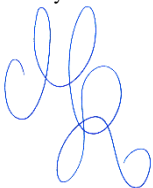
Abbreviation for laboratory:

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* The positive isolate was detected in a preputial swab and classified as Lancefield Group B and -G

Issued by:



Maja Ramløse, Attending Veterinarian

Date: Jul 06, 2021