



4375 avenue Beaudry
 Saint-Hyacinthe, Qc , J2S 8W2
 T: 1-888-8BIOVET (824-6838)
 F: 450-771-4158
 www.biovet-inc.com

Order number: 1395841

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-10-03 16:53
Invoice to:	DeGroot Veterinary Services-Magnum Swine	Sample Type:	Serum SST C
Address 1:	2118 40 St S	State:	Centrifuged
Address 2:	Lethbridge	Sample count:	6
Phone:	403-634-8858	Species:	Swine (POR)
E-mail:	craig@sunnysouthvet.com;sales@magnumswine.com	Act performed by:	
Owner:	Magnum Swine Genetics	Identifier:	Pool 1-5
		Age:	
		Sex:	
		Race:	
		Reference:	

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
6	Pool 1-5	>35	NEG		
6 (Pool 1-5): 1 (16187-2023-10-02-M), 2 (78802-2023-10-02-M), 3 (10073-2023-10-02-M), 4 (13656-2023-10-02-M), 5 (1766-2023-10-02-M)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml

					UID: 01442613-1
Felix Vaillancourt , Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-10-02	2023-10-03 12:50		2023-10-03 16:53		

Order number: 1395841



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Order number: 1397491

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-10-10 15:33	
Invoice to: DeGroot Veterinary Services-Magnum Swine		Sample Type: Serum SST C	
Address 1: 2118 40 St S		State:	
Address 2: Lethbridge Prov.: Québec		Sample count: 6	
Phone: 403-634-8858 Fax:		Species: Swine (POR)	
E-mail: craig@sunnysouthvet.com;sales@magnumswine.com		Act performed by:	
Owner: MAGNUM SWINE GENETICS	Identifier: Pool 1-5	Age:	Sex:
		Race:	Reference:

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
6	Pool 1-5	>35	NEG		
6 (Pool 1-5): 1 (1767-2023-10-05-M), 2 (1768-2023-10-05-M), 3 (47874-2023-10-05-M), 4 (28514-2023-10-05-M), 5 (44145-2023-10-05-M)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml



UID: 01445704-1

Felix Vaillancourt , Technician

Date sampled	Date received	Preliminary	Final	Amended
2023-10-05	2023-10-06 15:58		2023-10-10 15:34	

Order number: 1397491



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Order number: 1399758

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-10-16 15:19	
Invoice to: DeGroot Veterinary Services-Magnum Swine		Sample Type: Serum SST C	
Address 1: 2118 40 St S		State:	
Address 2: Lethbridge Prov.: Québec		Sample count: 6	
Phone: 403-634-8858 Fax:		Species: Swine (POR)	
E-mail: craig@sunnysouthvet.com; sales@magnumswine.com		Act performed by:	
Owner: MAGNUM SWINE GENETICS	Identifier: Pool 1-5	Age:	Sex:
		Race:	Reference:

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
6	Pool 1-5	>35	NEG		
6 (Pool 1-5): 1 (9250-2023-10-09-M), 2 (9200-2023-10-09-M), 3 (356313-2023-10-09-M), 4 (356193-2023-10-09-M), 5 (7447-2023-10-09-M)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml

UID: 01448722-1

Felix Vaillancourt , Technician

Date sampled	Date received	Preliminary	Final	Amended
2023-10-09	2023-10-13 14:50		2023-10-16 15:20	

Order number: 1399758

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Order number: 1397889

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-10-10 17:14
Invoice to:	DeGroot Veterinary Services-Magnum Swine	Sample Type:	Serum SST C
Address 1:	2118 40 St S	State:	
Address 2:	Lethbridge	Sample count:	22
Phone:	403-634-8858	Species:	Swine (POR)
E-mail:	craig@sunnysouthvet.com;sales@magnumswine.com	Act performed by:	
Owner:	MAGNUM SWINE GENETICS	Identifier:	[multiple]
Age:		Sex:	
Race:		Reference:	

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
19	Pool 1-5	>35	NEG		
20	Pool 6-10	>35	NEG		
21	Pool 11-15	>35	NEG		
22	Pool 16-17-18	>35	NEG		
19 (Pool 1-5): 1 (32319), 2 (3324), 3 (33316), 4 (33326), 5 (3335) 20 (Pool 6-10): 6 (3362), 7 (3415), 8 (3493), 9 (3501), 10 (3516) 21 (Pool 11-15): 11 (3521), 12 (3534), 13 (3539), 14 (3543), 15 (3554) 22 (Pool 16-17-18): 16 (3582), 17 (3588), 18 (S1)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml



Felix Vaillancourt , Technician

UID: 01445803-1

Date sampled	Date received	Preliminary	Final	Amended
2023-10-09	2023-10-10 11:51		2023-10-10 17:14	

Order number: 1397889



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Order number: 1397889

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-10-10 15:14
Invoice to:	DeGroot Veterinary Services-Magnum Swine	Sample Type:	Serum SST C
Address 1:	2118 40 St S	State:	
Address 2:	Lethbridge	Sample count:	22
Phone:	403-634-8858	Species:	Swine (POR)
E-mail:	craig@sunnysouthvet.com;sales@magnumswine.com	Act performed by:	
Owner:	MAGNUM SWINE GENETICS	Identifier:	[multiple]
Age:		Sex:	
Race:		Reference:	

Test Results - Final

PRRSV antibody ELISA X3			
Num	Identity	S/P Ratio	Result
1	32319	0.12	NEG
2	3324	0.02	NEG
3	33316	0.05	NEG
4	33326	0.12	NEG
5	3335	0.09	NEG
6	3362	0.14	NEG
7	3415	0.06	NEG
8	3493	0.06	NEG
9	3501	0.04	NEG
10	3516	0.02	NEG
11	3521	0.07	NEG
12	3534	0.05	NEG
13	3539	0.03	NEG
14	3543	0.18	NEG
15	3554	0.04	NEG
16	3582	0.02	NEG
17	3588	0.07	NEG
18	S1	0.00	NEG

INTERPRETATION:
 Ratio <0.4 : Negative
 Ratio >=0.4 : Positive

		UID: 01445662-1	
Dominique Yobouet, Aide technique			
Date sampled	Date received	Preliminary	Final
2023-10-09	2023-10-10 11:51		2023-10-10 15:14
		Amended	

Order number: 1397889



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Order number: 1399755

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-10-16 15:18	
Invoice to: DeGroot Veterinary Services-Magnum Swine		Sample Type: Serum SST C	
Address 1: 2118 40 St S		State:	
Address 2: Lethbridge Prov.: Québec		Sample count: 6	
Phone: 403-634-8858 Fax:		Species: Swine (POR)	
E-mail: craig@sunnysouthvet.com;sales@magnumswine.com		Act performed by:	
Owner: Magnum Swine Genetics	Identifier: Pool 1-5	Age:	Sex:
		Race:	Reference:

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
6	Pool 1-5	>35	NEG		
6 (Pool 1-5): 1 (5425-2023-10-12-M), 2 (7449-2023-10-12-M), 3 (5428-2023-10-12-M), 4 (1152-2023-10-12-M), 5 (320119-2023-10-12-M)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml

					UID: 01448721-1
Felix Vaillancourt , Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-10-12	2023-10-13 14:47		2023-10-16 15:19		

Order number: 1399755



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Order number: 1400924

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-10-18 15:38	
Invoice to: DeGroot Veterinary Services-Magnum Swine		Sample Type: Serum SST C	
Address 1: 2118 40 St S		State:	
Address 2: Lethbridge Prov.: Québec		Sample count: 6	
Phone: 403-634-8858 Fax:		Species: Swine (POR)	
E-mail: craig@sunnysouthvet.com;sales@magnumswine.com		Act performed by:	
Owner: Magnum Swine Genetics	Identifier: Pool 1-5	Age:	Sex:
		Race:	Reference:

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
6	Pool 1-5	>35	NEG		
6 (Pool 1-5): 1 (356200-2023-10-16-M), 2 (7405-2023-10-16-M), 3 (7436-2023-10-16-M), 4 (7095-2023-10-16-M), 5 (7346-2023-10-16-M)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml

					UID: 01450147-1
Felix Vaillancourt , Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-10-16	2023-10-17 18:07		2023-10-18 15:39		

Order number: 1400924

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Order number: 1402289

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-10-20 18:02	
Invoice to: DeGroot Veterinary Services-Magnum Swine		Sample Type: Serum SST C	
Address 1: 2118 40 St S		State: Centrifuged	
Address 2: Lethbridge Prov.: Québec		Sample count: 6	
Phone: 403-634-8858 Fax:		Species: Swine (POR)	
E-mail: craig@sunnysouthvet.com;sales@magnumswine.com		Act performed by:	
Owner: MAGNUM SWINE GENETICS	Identifier: Pool 1-5	Age:	Sex:
		Race:	Reference:

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
6	Pool 1-5	>35	NEG		
6 (Pool 1-5): 1 (8259-2023-10-19-M), 2 (5758-2023-10-19-M), 3 (8258-2023-10-19-M), 4 (1772-2023-10-19-M), 5 (1771-2023-10-19-M)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml

					UID: 01451715-1
Felix Vaillancourt , Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-10-19	2023-10-20 13:21		2023-10-20 18:02		

Order number: 1402289



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Order number: 1403921

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-10-26 15:40	
Invoice to: DeGroot Veterinary Services-Magnum Swine		Sample Type: Serum SST C	
Address 1: 2118 40 St S		State: Centrifuged	
Address 2: Lethbridge Prov.: Québec		Sample count: 6	
Phone: 403-634-8858 Fax:		Species: Swine (POR)	
E-mail: craig@sunnysouthvet.com;sales@magnumswine.com		Act performed by:	
Owner: MAGNUM SWINE GENETICS	Identifier: Pool 1-5	Age:	Sex:
		Race:	Reference:

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
6	Pool 1-5	>35	NEG		
6 (Pool 1-5): 1 (7448-2023-10-23-M), 2 (1773-2023-10-23-M), 3 (5427-2023-10-23-M), 4 (1770-2023-10-23-M), 5 (1771-2023-10-23-M)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml

					UID: 01454591-1
Roxanne Lemaire, Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-10-23	2023-10-25 14:48		2023-10-26 15:40		

Order number: 1403921

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Order number: 1403939

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-10-26 15:29
Invoice to:	DeGroot Veterinary Services-Magnum Swine	Sample Type:	Feces
Address 1:	2118 40 St S	State:	
Address 2:	Lethbridge	Sample count:	1
Phone:	403-634-8858	Species:	Swine (POR)
E-mail:	craig@sunnysouthvet.com;sales@magnumswine.com	Act performed by:	
Owner:	Magnum SWine Genetics	Identifier:	Magnum Swine Genetic
Age:		Sex:	
Race:		Reference:	

Test Results - Final

TGEV-PEDV qPCR (Decl. MAPAQ)					
Num	Identity	PEDV (Ct)	Result	TGEV (Ct)	Result
1	Magnum Swine Genetics / 12 boars pooled	>38	NEG	>38	NEG

INTERPRETATION:
 Ct <35: POSITIVE = contains PEDV/TGEV RNA
 Ct >38: NEG= no PEDV/TGEV RNA is detectable
 Ct 35-38: suspect

				UID: 01454548-1	
Roxanne Lemaire, Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-10-24	2023-10-25 15:27		2023-10-26 15:29		



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Order number: 1403920

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-10-26 15:39
Invoice to:	DeGroot Veterinary Services-Magnum Swine	Sample Type:	Serum SST C
Address 1:	2118 40 St S	State:	
Address 2:	Lethbridge Prov.: Québec	Sample count:	15
Phone:	403-634-8858 Fax:	Species:	Swine (POR)
E-mail:	craig@sunnysouthvet.com;sales@magnumswine.com	Act performed by:	
Owner:	MAGNUM SWINE GENETICS	Identifier:	[multiple]
Age:		Sex:	
Race:		Reference:	

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
13	Pool 1-5	>35	NEG		
14	Pool 6-9	>35	NEG		
15	Pool 10-12	>35	NEG		
13 (Pool 1-5): 1 (Magnum Swine Genetics / 4505), 2 (4556), 3 (4557), 4 (4552), 5 (4554) 14 (Pool 6-9): 6 (4553), 7 (4558), 8 (4555), 9 (6047) 15 (Pool 10-12): 10 (6046), 11 (6049), 12 (6048)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml

Roxanne Lemaire
 Roxanne Lemaire, Technician

UID: 01454587-1

Date sampled	Date received	Preliminary	Final	Amended
2023-10-25	2023-10-25 14:48		2023-10-26 15:39	

Order number: 1403920

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 Saint-Hyacinthe, Qc , J2S 8W2
 T: 1-888-8BIOVET (824-6838)
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Order number: 1403920

Customer Delivered to: Dr. Craig Degroot - Magnum Swine Invoice to: DeGroot Veterinary Services-Magnum Swine Address 1: 2118 40 St S Address 2: Lethbridge Prov.: Québec Phone: 403-634-8858 Fax: E-mail: craig@sunnysouthvet.com;sales@magnumswine.com		Test Tested on: 2023-10-26 11:44 Sample Type: Serum SST C State: Sample count: 15 Species: Swine (POR) Act performed by:			
Owner: MAGNUM SWINE GENETICS	Identifier: [multiple]	Age:	Sex:	Race:	Reference:

Test Results - Final

PRRSV antibody ELISA X3			
Num	Identity	S/P Ratio	Result
1	Magnum Swine Genetics / 4505	0.00	NEG
2	4556	0.00	NEG
3	4557	0.00	NEG
4	4552	0.03	NEG
5	4554	0.00	NEG
6	4553	0.02	NEG
7	4558	0.01	NEG
8	4555	0.01	NEG
9	6047	0.05	NEG
10	6046	0.00	NEG
11	6049	0.00	NEG
12	6048	0.02	NEG

INTERPRETATION:
 Ratio <0.4 : Negative
 Ratio >=0.4 : Positive

 Annie St-Germain, Chief Technician, Serology			UID: 01454258-1		
Date sampled	Date received	Preliminary	Final	Amended	
2023-10-25	2023-10-25 14:48		2023-10-26 11:44		

Order number: 1403920



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Order number: 1404859

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-10-27 17:16
Invoice to:	DeGroot Veterinary Services-Magnum Swine	Sample Type:	Serum SST C
Address 1:	2118 40 St S	State:	
Address 2:	Lethbridge	Sample count:	6
Phone:	403-634-8858	Species:	Swine (POR)
E-mail:	craig@sunnysouthvet.com;sales@magnumswine.com	Act performed by:	
Owner:	Magnum Swine Genetics	Identifier:	Pool 1-5
Age:		Sex:	
Race:		Reference:	

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
6	Pool 1-5	>35	NEG		
6 (Pool 1-5): 1 (356161-2023-10-26-M), 2 (356087-2023-10-26-M), 3 (356313-2023-10-26-M), 4 (3775-2023-10-23-M), 5 (3911-2023-10-26-M)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml



UID: 01455465-1

Felix Vaillancourt, Technician

Date sampled	Date received	Preliminary	Final	Amended
2023-10-26	2023-10-27 12:28		2023-10-27 17:17	

Order number: 1404859



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Order number: 1406064

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-11-01 14:29	
Invoice to: DeGroot Veterinary Services-Magnum Swine		Sample Type: Serum SST C	
Address 1: 2118 40 St S		State: Centrifuged	
Address 2: Lethbridge Prov.: Québec		Sample count: 6	
Phone: 403-634-8858 Fax:		Species: Swine (POR)	
E-mail: craig@sunnysouthvet.com;sales@magnumswine.com		Act performed by:	
Owner: MAGNUM SWINE GENETICS	Identifier: Pool 1-5	Age:	Sex:
		Race:	Reference:

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
6	Pool 1-5	>35	NEG		
6 (Pool 1-5): 1 (9266-2023-10-30-M), 2 (7417-2023-10-30-M), 3 (356092-2023-10-30-M), 4 (356194-2023-10-30-M), 5 (356311-2023-10-30-M)					

INTERPRETATION:
 Ct <33: POSITIVE = contains PRRS virus RNA
 Ct >35: NEG= no PRRS virus RNA is detectable
 Ct 33-35: suspect
 Detection limit = 1.0E(+04) copy of genomes/ml

					UID: 01457699-1
Patricia MacDuff, Laboratory Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-10-30	2023-10-31 14:40		2023-11-01 14:29		