



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

Order number: 1407584

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-11-06 17:52	
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: Farm 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 (320118-2023-11-02-M), 2 (356310-2023-11-02-M), 3 (320006-2023-11-02-M), 4 (320017-2023-11-02-M), 5 (320108-2023-11-02-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: 01460174-1

Felix Vaillancourt , Technician

Date sampled	Date received	Preliminary	Final	Amended
2023-11-02	2023-11-03 16:21		2023-11-06 17:52	

Order number: 1407584



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 Saint-Hyacinthe, Qc , J2S 8W2
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Order number: 1408568

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-11-08 17:04
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 (7601-2023-11-06-M), 2 (3516-2023-11-06-M), 3 (3588-2023-11-06-M), 4 (3415-2023-11-06-M), 5 (3543-2023-11-06-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: 01461582-1

Felix Vaillancourt , Technician

Date sampled	Date received	Preliminary	Final	Amended
2023-11-06	2023-11-07 14:52		2023-11-08 17:05	

Order number: 1408568



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Order number: 1410125

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-11-13 11:46
Invoice to:	DeGroot Veterinary Services-Magnum Swine	Sample Type:	Serum SST C
Address 1:	2118 40 St S	State:	
Address 2:	Lethbridge	Sample count:	3
Phone:	403-634-8858	Species:	Swine (POR)
E-mail:	craig@sunnysouthvet.com;sales@magnumswine.com	Act performed by:	
Owner:	Farm Magnum Swine Genetics	Age:	
Identifier:	[multiple]	Sex:	
		Race:	
		Reference:	

Test Results - Final

PRRSV antibody ELISA X3			
Num	Identity	S/P Ratio	Result
1	20421	0.00	NEG
2	23269	0.07	NEG

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

			UID: 01463482-1	
Dominique Yobouet, Aide technique				
Date sampled	Date received	Preliminary	Final	Amended
2023-11-09	2023-11-10 16:22		2023-11-13 11:46	

Order number: 1410125



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Order number: 1410128

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-11-13 14:57
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:	Farm Magnum Swine Genetics	Identifier:	Pool 2 boars
Age:		Sex:	
Race:		Reference:	

Test Results - Final

TGEV-PEDV qPCR (Decl. MAPAQ)					
Num	Identity	PEDV (Ct)	Result	TGEV (Ct)	Result
1	Pool 2 boars	>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: 01463636-1
Patricia MacDuff, Laboratory Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-11-09	2023-11-10 16:33		2023-11-13 14:57		

Order number: 1410128



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Order number: 1410125

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-11-13 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:	3
Phone:	403-634-8858	Species:	Swine (POR)
E-mail:	craig@sunnysouthvet.com;sales@magnumswine.com	Act performed by:	
Owner:	Farm Magnum Swine Genetics	Identifier:	Pool 1-2
Age:		Sex:	
Race:		Reference:	

Test Results - Final

PRRSV type 1 & 2 qPCR					
Num	Identity	SRRP (Ct)	Result	Copie de génome/ml	Type
3	Pool 1-2	>35	NEG		
3 (Pool 1-2): 1 (20421), 2 (23269)					

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: 01463790-1
Felix Vaillancourt , Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-11-09	2023-11-10 16:22		2023-11-13 17:14		

Order number: 1410125



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Order number: 1410123

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-11-13 17:13
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:	Farm Magnum Swine Genetics	Age:	
Identifier:	Pool 1-5	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 (3582-2023-11-09-M), 2 (3534-2023-11-09-M), 3 (3539-2023-11-09-M), 4 (3190-2023-11-09-M), 5 (3335-2023-11-09-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: 01463789-1

Felix Vaillancourt , Technician				
Date sampled	Date received	Preliminary	Final	Amended
2023-11-09	2023-11-10 16:18		2023-11-13 17:13	

Order number: 1410123



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Order number: 1411571

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-11-16 14:04	
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 (9996-2023-11-13-M), 2 (9174-2023-11-13-M), 3 (8675-2023-11-13-M), 4 (8887-2023-11-13-M), 5 (8890-2023-11-13-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: 01465459-1

Patricia MacDuff, Laboratory Technician

Date sampled	Date received	Preliminary	Final	Amended
2023-11-13	2023-11-15 15:44		2023-11-16 14:04	

Order number: 1411571

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Order number: 1412579

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-11-20 15:00	
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	
Prov.: Québec		Species: Swine (POR)	
Phone: 403-634-8858		Act performed by:	
Fax:			
E-mail: craig@sunnysouthvet.com;sales@magnumswine.com			
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 (8871-2023-11-16-M), 2 (8861-2023-11-16-M), 3 (8857-2023-11-16-M), 4 (156-2023-11-16-M), 5 (8839-2023-11-16-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

Patricia MacDuff

UID: 01467169-1

Patricia MacDuff, Laboratory Technician

Date sampled	Date received	Preliminary	Final	Amended
2023-11-16	2023-11-17 15:19		2023-11-20 15:01	

Order number:

1412579

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Order number: 1413614

Customer		Test	
Delivered to: Dr. Craig Degroot - Magnum Swine		Tested on: 2023-11-22 12:58	
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 (144-2023-11-20-M), 2 (9971-2023-11-20-M), 3 (239-2023-11-20-M), 4 (35501-2023-11-20-M), 5 (3373-2023-11-20-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

Roxanne Lemaire

UID: 01468280-1

Roxanne Lemaire, Technician

Date sampled	Date received	Preliminary	Final	Amended
2023-11-20	2023-11-21 16:51		2023-11-22 12:59	

Order number: 1413614



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 Saint-Hyacinthe, Qc , J2S 8W2
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Order number: 1414948

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-11-24 17:20
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 (3375-2023-11-23-M), 2 (7605-2023-11-23-M), 3 (3376-2023-11-23-M), 4 (7602-2023-11-23-M), 5 (3372-2023-11-23-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: 01469916-1
Felix Vaillancourt , Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-11-23	2023-11-24 11:49		2023-11-24 17:20		

Order number: 1414948



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Order number: 1416537

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-11-30 17:27
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	Age:	
Identifier:	Pool 1-5	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 (7601-2023-11-27-M), 2 (3374-2023-11-27-M), 3 (7604-2023-11-27-M), 4 (7606-2023-11-27-M), 5 (1454-2023-11-27-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



Felix Vaillancourt, Technician

UID: 01472934-1

Date sampled	Date received	Preliminary	Final	Amended
2023-11-27	2023-11-29 14:58		2023-11-30 17:28	

Order number: 1416537



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Order number: 1417362

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-12-01 15:46
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:	18
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	23269	0.02	NEG
2	20421	0.00	NEG
3	4555	0.01	NEG
4	4554	0.00	NEG
5	4553	0.01	NEG
6	4556	0.00	NEG
7	4558	0.00	NEG
8	4557	0.00	NEG
9	4505	0.00	NEG
10	4552	0.07	NEG
11	6048	0.04	NEG
12	6046	0.02	NEG
13	6047	0.02	NEG
14	6049	0.00	NEG
15	S1	0.00	NEG

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

UID: 01473440-1

Dominique Yobouet, Aide technique			
Date sampled	Date received	Preliminary	Final
2023-11-30	2023-12-01 12:15		2023-12-01 15:46
			Amended

Order number: 1417362


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: 2023-12-01 17:45 Sample Type: Serum SST C State: Centrifuged Sample count: 18 Species: Swine (POR) 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
16	Pool 1-5	>35	NEG		
17	Pool 6-10	>35	NEG		
18	Pool 11-15	>35	NEG		

16 (Pool 1-5): 1 (23269), 2 (20421), 3 (4555), 4 (4554), 5 (4553)
17 (Pool 6-10): 6 (4556), 7 (4558), 8 (4557), 9 (4505), 10 (4552)
18 (Pool 11-15): 11 (6048), 12 (6046), 13 (6047), 14 (6049), 15 (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

					UID: 01473595-1
Felix Vaillancourt, Technician					
Date sampled	Date received	Preliminary	Final	Amended	
2023-11-30	2023-12-01 12:15		2023-12-01 17:45		



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 Saint-Hyacinthe, Qc, J2S 8W2
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Order number: 1417364

Customer		Test	
Delivered to:	Dr. Craig Degroot - Magnum Swine	Tested on:	2023-12-01 17:46
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 (1805-2023-11-30-M), 2 (1448-2023-11-30-M), 3 (2462-2023-11-30-M), 4 (2458-2023-11-30-M), 5 (2941-2023-11-30-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: 01473596-1

Felix Vaillancourt, Technician				
Date sampled	Date received	Preliminary	Final	Amended
2023-11-30	2023-12-01 12:21		2023-12-01 17:46	

Order number: 1417364