



Oregon State University Veterinary Diagnostic Laboratory

PO Box 429
Corvallis, OR 97339-0429
Phone(541) 737-3261
FAX (541) 737-6817

**Final
Version 1**

*This report supersedes all
previous reports for this case*

VDL Accession #: 16V00107

Referral #:

Date Collected:

Date Received: 07/06/2015

Case Coordinator:

**Electronically signed and authorized
by:** Donna Mulrooney, Molec Diagnostics
Supervisor on behalf of Manoj Pastey,
DVM, MS, PhD, ACVM, Molecular Diag.
Lab Section Head on 7/7/2015

Email To:
rhallmark@co.coos.or.us

Collection Site:
Coos County Health Department
1975 McPherson St
North Bend, OR 97459-3411
Prem. ID:
COOS County

Case Contacts

Role	Full Name	Phone	Fax	E-mail
Submitter	Coos County Health Department	5417512400	5417512654	rhallmark@co.coos.or.us
Bill To	Oregon State Health Division - Surveillanc	9716731111	9716731100	Emilio.E.Debess@state.or.us

Sample and Test Summary

Total Samples Received: 41
Cancelled Samples: 0

	Negative	See invoice for UPS
WNV rRT-PCR - MOSQUITOS	34	-
WEE rRT-PCR - MOSQUITOS	34	-
UPS CHARGES	-	1
SLE rRT-PCR - MOSQUITOS	34	-

Administration

UPS CHARGES

Client Sample ID	Site	Taxonomy	# / Vial	Test Date	Result	Ct Value
CPH15-1	Kentuck - 3	Culex tarsalis	2	06-Jul-2015	See invoice for UPS charges	See invoice

Molecular Diag

Test Specific Comments**WNV rRT-PCR - MOSQUITOS**

* Interpretation of Ct value for WNV, WEE and SLE rRT-PCR:

Ct = 0 indicates target nucleic acid was not detected by this assay.

Ct ≤ 29, indicates there is an abundant amount of target nucleic acid present in the specimen and is considered a “strong positive” result.

Ct = 30-36, indicates there is a moderate amount of target nucleic acid present in the specimen and is considered a “positive” to “weak positive” result.

Ct > 36 indicates a minimal amount of target nucleic acid present in the specimen, which could be due to a disease state, or environmental contamination. Values in this range are usually considered as “weak positive”, “indeterminate” or “suspect” and additional testing may be warranted.

WNV rRT-PCR - MOSQUITOS

Client Sample ID	Site	Taxonomy	# / Vial	Test Date	Result	Ct Value
CPH15-1	Kentuck - 3	Culex tarsalis	2	07-Jul-2015	Negative	0
CPH15-2	Kentuck - 1	Culex tarsalis	9	07-Jul-2015	Negative	0
CPH15-3	Kentuck - 1	Culiseta particeps	4	07-Jul-2015	Negative	0
CPH15-4	E	Genus Aedes	3	07-Jul-2015	Negative	0
CPH15-5	Prosper	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-6	Prosper	Aedes vexans	7	07-Jul-2015	Negative	0
CPH15-7	Smith Tract	Culex tarsalis	2	07-Jul-2015	Negative	0
CPH15-8	Bullars	Culiseta particeps	3	07-Jul-2015	Negative	0
CPH15-9	Bullards	Culiseta inornata	2	07-Jul-2015	Negative	0
CPH15-10	Bullards	Genus Ochlerotatus	7	07-Jul-2015	Negative	0
CPH15-11	Kentuck - 1	Culex tarsalis	7	07-Jul-2015	Negative	0
CPH15-12	Kentuck - 1	Culex tarsalis	11	07-Jul-2015	Negative	0
CPH15-13	Smith Tract	Culiseta particeps	9	07-Jul-2015	Negative	0
CPH15-14	Kentuck - 2	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-15	Above E	Genus Ochlerotatus	11	07-Jul-2015	Negative	0
CPH15-16	Smith Tract	Genus Ochlerotatus	4	07-Jul-2015	Negative	0
CPH15-17	Kentuck - 2	Genus Ochlerotatus	9	07-Jul-2015	Negative	0
CPH15-18	Above E	Culiseta particeps	8	07-Jul-2015	Negative	0
CPH15-19				07-Jul-2015	Negative	0
CPH15-20	Kentuck - 2	Genus Ochlerotatus	7	07-Jul-2015	Negative	0
CPH15-21	Kentuck -2	Culiseta particeps	6	07-Jul-2015	Negative	0
CPH15-22	Kentuck - 3	Genus Ochlerotatus	3	07-Jul-2015	Negative	0
CPH15-23	Kentuck - 2	Culiseta particeps	5	07-Jul-2015	Negative	0
CPH15-24	Above E	Genus Ochlerotatus	16	07-Jul-2015	Negative	0
CPH15-25	Riverside	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-26	Kentuck - 1	Genus Ochlerotatus	3	07-Jul-2015	Negative	0
CPH15-27	Kentuck - 1	Culex tarsalis	6	07-Jul-2015	Negative	0
CPH15-28	Bullards	Genus Ochlerotatus	21	07-Jul-2015	Negative	0
CPH15-29	Kentuck - 1	Genus Ochlerotatus	9	07-Jul-2015	Negative	0
CPH15-30	Bullards	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-31	Kentuck - 1	Culiseta particeps	3	07-Jul-2015	Negative	0
CPH15-32	Above E	Culex tarsalis	3	07-Jul-2015	Negative	0

CPH15-33	D	Genus Coquillettidia	3	07-Jul-2015	Negative	0
CPH15-34	Kentuck - 1	Culex tarsalis	2	07-Jul-2015	Negative	0

WEE rRT-PCR - MOSQUITOS

Client Sample ID	Site	Taxonomy	# / Vial	Test Date	Result	Ct Value
CPH15-1	Kentuck - 3	Culex tarsalis	2	07-Jul-2015	Negative	0
CPH15-2	Kentuck - 1	Culex tarsalis	9	07-Jul-2015	Negative	0
CPH15-3	Kentuck - 1	Culiseta particeps	4	07-Jul-2015	Negative	0
CPH15-4	E	Genus Aedes	3	07-Jul-2015	Negative	0
CPH15-5	Prosper	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-6	Prosper	Aedes vexans	7	07-Jul-2015	Negative	0
CPH15-7	Smith Tract	Culex tarsalis	2	07-Jul-2015	Negative	0
CPH15-8	Bullars	Culiseta particeps	3	07-Jul-2015	Negative	0
CPH15-9	Bullards	Culiseta inornata	2	07-Jul-2015	Negative	0
CPH15-10	Bullards	Genus Ochlerotatus	7	07-Jul-2015	Negative	0
CPH15-11	Kentuck - 1	Culex tarsalis	7	07-Jul-2015	Negative	0
CPH15-12	Kentuck - 1	Culex tarsalis	11	07-Jul-2015	Negative	0
CPH15-13	Smith Tract	Culiseta particeps	9	07-Jul-2015	Negative	0
CPH15-14	Kentuck - 2	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-15	Above E	Genus Ochlerotatus	11	07-Jul-2015	Negative	0
CPH15-16	Smith Tract	Genus Ochlerotatus	4	07-Jul-2015	Negative	0
CPH15-17	Kentuck - 2	Genus Ochlerotatus	9	07-Jul-2015	Negative	0
CPH15-18	Above E	Culiseta particeps	8	07-Jul-2015	Negative	0
CPH15-19				07-Jul-2015	Negative	0
CPH15-20	Kentuck - 2	Genus Ochlerotatus	7	07-Jul-2015	Negative	0
CPH15-21	Kentuck -2	Culiseta particeps	6	07-Jul-2015	Negative	0
CPH15-22	Kentuck - 3	Genus Ochlerotatus	3	07-Jul-2015	Negative	0
CPH15-23	Kentuck - 2	Culiseta particeps	5	07-Jul-2015	Negative	0
CPH15-24	Above E	Genus Ochlerotatus	16	07-Jul-2015	Negative	0
CPH15-25	Riverside	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-26	Kentuck - 1	Genus Ochlerotatus	3	07-Jul-2015	Negative	0
CPH15-27	Kentuck - 1	Culex tarsalis	6	07-Jul-2015	Negative	0
CPH15-28	Bullards	Genus Ochlerotatus	21	07-Jul-2015	Negative	0
CPH15-29	Kentuck - 1	Genus Ochlerotatus	9	07-Jul-2015	Negative	0
CPH15-30	Bullards	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-31	Kentuck - 1	Culiseta particeps	3	07-Jul-2015	Negative	0
CPH15-32	Above E	Culex tarsalis	3	07-Jul-2015	Negative	0
CPH15-33	D	Genus Coquillettidia	3	07-Jul-2015	Negative	0
CPH15-34	Kentuck - 1	Culex tarsalis	2	07-Jul-2015	Negative	0

SLE rRT-PCR - MOSQUITOS

Client Sample ID	Site	Taxonomy	# / Vial	Test Date	Result	Ct Value
CPH15-1	Kentuck - 3	Culex tarsalis	2	07-Jul-2015	Negative	0
CPH15-2	Kentuck - 1	Culex tarsalis	9	07-Jul-2015	Negative	0
CPH15-3	Kentuck - 1	Culiseta particeps	4	07-Jul-2015	Negative	0
CPH15-4	E	Genus Aedes	3	07-Jul-2015	Negative	0
CPH15-5	Prosper	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-6	Prosper	Aedes vexans	7	07-Jul-2015	Negative	0
CPH15-7	Smith Tract	Culex tarsalis	2	07-Jul-2015	Negative	0

CPH15-8	Bullars	Culiseta particeps	3	07-Jul-2015	Negative	0
CPH15-9	Bullards	Culiseta inornata	2	07-Jul-2015	Negative	0
CPH15-10	Bullards	Genus Ochlerotatus	7	07-Jul-2015	Negative	0
CPH15-11	Kentuck - 1	Culex tarsalis	7	07-Jul-2015	Negative	0
CPH15-12	Kentuck - 1	Culex tarsalis	11	07-Jul-2015	Negative	0
CPH15-13	Smith Tract	Culiseta particeps	9	07-Jul-2015	Negative	0
CPH15-14	Kentuck - 2	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-15	Above E	Genus Ochlerotatus	11	07-Jul-2015	Negative	0
CPH15-16	Smith Tract	Genus Ochlerotatus	4	07-Jul-2015	Negative	0
CPH15-17	Kentuck - 2	Genus Ochlerotatus	9	07-Jul-2015	Negative	0
CPH15-18	Above E	Culiseta particeps	8	07-Jul-2015	Negative	0
CPH15-19				07-Jul-2015	Negative	0
CPH15-20	Kentuck - 2	Genus Ochlerotatus	7	07-Jul-2015	Negative	0
CPH15-21	Kentuck -2	Culiseta particeps	6	07-Jul-2015	Negative	0
CPH15-22	Kentuck - 3	Genus Ochlerotatus	3	07-Jul-2015	Negative	0
CPH15-23	Kentuck - 2	Culiseta particeps	5	07-Jul-2015	Negative	0
CPH15-24	Above E	Genus Ochlerotatus	16	07-Jul-2015	Negative	0
CPH15-25	Riverside	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-26	Kentuck - 1	Genus Ochlerotatus	3	07-Jul-2015	Negative	0
CPH15-27	Kentuck - 1	Culex tarsalis	6	07-Jul-2015	Negative	0
CPH15-28	Bullards	Genus Ochlerotatus	21	07-Jul-2015	Negative	0
CPH15-29	Kentuck - 1	Genus Ochlerotatus	9	07-Jul-2015	Negative	0
CPH15-30	Bullards	Culex tarsalis	1	07-Jul-2015	Negative	0
CPH15-31	Kentuck - 1	Culiseta particeps	3	07-Jul-2015	Negative	0
CPH15-32	Above E	Culex tarsalis	3	07-Jul-2015	Negative	0
CPH15-33	D	Genus Coquillettia	3	07-Jul-2015	Negative	0
CPH15-34	Kentuck - 1	Culex tarsalis	2	07-Jul-2015	Negative	0

Laboratory Bulletins

Test reliability/function is checked on each run date. Accuracy and/or reproducibility are proven by testing known samples, when available. Validation of some tests according to the AAVLD/OIE standards is currently in progress.

As of May 1st the Veterinary Diagnostic Lab will no longer receive mail at PO Box 429. All packages should be addressed to 134 Magruder Hall, Corvallis OR 97331. UPS and FedEx are our preferred carriers. We have found them to be more reliable, with packages being received earlier in the day, which expedites your results.

The Veterinary Diagnostic Laboratory and Oregon State University will be closed September 7th, 2015 in observance of Labor Day. Please plan your testing needs accordingly.