

Veterinary Diagnostic Laboratory

Iowa State University
 College of Veterinary Medicine
 Iowa 50011-1250

Phone: [REDACTED]
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Final Report
 Report Date: 8/25/2009

Dr. Not Identified
 Decoster Farms of Iowa
 PO Box 342

Owner: DeCoster Farms
 P.O. Box 342
 Clarion, IA 50525

Clarion, IA 50525

Reference: Lavoie 1992, 5, 6, 9; Pullet 4-10
 Diagnostician [REDACTED]

Client Phone: [REDACTED]
 Client Fax: 1-[REDACTED]
 Client Account: [REDACTED]
 Date Received: 8/6/2009
 Preliminary Report: 8/24/2009

Species: Avian
 Breed: Chicken, Layer
 Sex: Female
 Previous Case:

Age: NA
 Weight: NA
 Received:
 42 Environ. Sponges

Bacteriology:

Environmental sponges were submitted for Salmonella culture by primary and delayed enrichment. See results below. Salmonella was isolated including serogroups B, C1, C2, D, potentially *Salmonella enteritidis*, and polyvalent. Serogroup D and polyvalent isolates have been sent to NVSL for final speciation and you will receive those results in a supplemental report. The serogroup B, C1 and C2 isolates were saved in the lab. Please call if you have any questions. (8/25/09 tsf/na)



KEY: Tests: IHC=Immunohistochemistry, FA=Fluorescent Antibody, VI=Virus Isolation, PCR=Polymerase Chain Reaction, EM=Electron Microscopy. Agents: PRRSV=Porcine Reproductive & Respiratory Syndrome, SIV=Swine Influenza Virus, PCV=Porcine Circovirus, M hyo=*Mycoplasma hyopneumoniae*, PRV=Pseudorabies Virus, TGEV=Transmissible Gastroenteritis Virus, PPV=Porcine Parvovirus, PRCV=Porcine Respiratory Coronavirus, IBRV=Infectious Bovine Rhinotracheitis Virus, BVDV=Bovine Viral Diarrhea Virus, BRSV=Bovine Respiratory Syncytial Virus, BCV=Bovine Coronavirus.

Test Ordered	Laboratory Result(s) Order Date	Current Status	Complete Date
Poultry - Salmonella Environmental Negative	8/20/2009	Result Released	8/24/2009
Poultry - Salmonella Environmental Positive	8/20/2009	Result Released	8/24/2009
Poultry - Salmonella Environmental Suspicious	8/20/2009	Result Released	8/24/2009

Bacteriology

Poultry - Salmonella Environmental Negative

Animal ID	Specimen	Result
8 - 6-5 Pit Row #4	Environmental	Salmonella negative
11 - 6-9 EB #3	Environmental	Salmonella negative
12 - 6-9 EB #4	Environmental	Salmonella negative
17 - 3-2 EB #1	Environmental	Salmonella negative
20 - 3-2 EB #4	Environmental	Salmonella negative
22 - 3-2 EB #6	Environmental	Salmonella negative
25 - 2-6 EB #1	Environmental	Salmonella negative
2-6 EB #2	Environmental	Salmonella negative
2-6 EB #3	Environmental	Salmonella negative
28 - 2-6 EB #4	Environmental	Salmonella negative
29 - 2-6 EB #5	Environmental	Salmonella negative

30 - 2-6 EB #6	Environmental	Salmonella negative
32 - 2-6 Pit Row #4	Environmental	Salmonella negative
39 - P4-10 L Fr Fan #1	Environmental	Salmonella negative
40 - P4-10 L Fr Fan #2	Environmental	Salmonella negative
41 - P4-10 R Fr Fan #1	Environmental	Salmonella negative
42 - P 4-10 R Fr Fan #2	Environmental	Salmonella negative

Poultry - Salmonella Environmental Positive

<u>Animal Id</u>	<u>Specimen</u>	<u>Result</u>
2 - 6-5 EB #2	Environmental	Salmonella species group B
3 - 6-5 EB #3	Environmental	Salmonella species group B
3 - 6-5 EB #3	Environmental	Salmonella species group C2
4 - 6-5 EB #4	Environmental	Salmonella species group C2
5 - 6-5 EB #5	Environmental	Salmonella species group B
6 - 6-5 EB #6	Environmental	Salmonella species group B
6 - 6-5 EB #6	Environmental	Salmonella species group C2
7 - 6-5 Pit Row #2	Environmental	Salmonella species group B
7 - 6-5 Pit Row #2	Environmental	Salmonella species group C2
10 - 6-9 EB #2	Environmental	Salmonella species group B
10 - 6-9 EB #2	Environmental	Salmonella species group Poly
13 - 6-9 EB #5	Environmental	Salmonella species group C1
14 - 6-9 EB #6	Environmental	Salmonella species group B
14 - 6-9 EB #6	Environmental	Salmonella species group D
15 - 6-9 Pit Row #2	Environmental	Salmonella species group B
15 - 6-9 Pit Row #2	Environmental	Salmonella species group Poly
16 - 6-9 Pit Row #4	Environmental	Salmonella species group C2
19 - 3-2 EB #3	Environmental	Salmonella species group D
21 - 3-2 EB #5	Environmental	Salmonella species group B
23 - 3-2 Pit Row #2	Environmental	Salmonella species group B
24 - 3-2 Pit Row #4	Environmental	Salmonella species group B
31 - 2-6 Pit Row #2	Environmental	Salmonella species group Poly
33 - 2-6 P4-10 Pit Row #1	Environmental	Salmonella species group B
33 - 2-6 P4-10 Pit Row #1	Environmental	Salmonella species group C2
33 - 2-6 P4-10 Pit Row #1	Environmental	Salmonella species group D
34 - P4-10 Pit Row #2	Environmental	Salmonella species group B
35 - P4-10 Pit Row #3	Environmental	Salmonella species group B
35 - P4-10 Pit Row #3	Environmental	Salmonella species group C2
35 - P4-10 Pit Row #3	Environmental	Salmonella species group D
36 - P4-10 Pit Row #4	Environmental	Salmonella species group C2
36 - P4-10 Pit Row #4	Environmental	Salmonella species group D
37 - P4-10 Pit Row #5	Environmental	Salmonella species group D
38 - P4-10 Pit Row #6	Environmental	Salmonella species group B
38 - P4-10 Pit Row #6	Environmental	Salmonella species group D

Poultry - Salmonella Environmental Suspicious

<u>Animal ID</u>	<u>Specimen</u>	<u>Result</u>
1 - 6-5 EB #1	Environmental	Salmonella negative
9 - 6-9 EB #1	Environmental	Salmonella negative
18 - 3-2 EB #2	Environmental	Salmonella negative