

Veterinary Diagnostic Laboratory

Iowa State University
 College of Veterinary Medicine
 Iowa 50011-1250
 Phone: [REDACTED]
 Fax: [REDACTED]

Final Report
 Report Date: 9/15/2009

Dr. Not Identified
 Decoster Farms of Iowa
 PO Box 342

Owner: Decoster Farms
 Unknown
 Unknown, Unknown 00000

Clarion, IA 50525

Reference: Lab [REDACTED]
 Diagnostician [REDACTED]

Client Phone: [REDACTED]
 Client Fax: 1-[REDACTED]
 Client Account: [REDACTED]
 Date Received: 8/27/2009
 Preliminary Report: 9/12/2009

Species: Avian
 Breed: Chicken
 Sex: NA
 Previous Case:

Age: 59 Weeks
 Weight: NA
 Received:
 32 environmental sponges

Bacteriology:

Results: 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*, E 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, C2 and E isolates were saved in the lab. Please call if you have any questions.



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	9/11/2009	Result Released	9/12/2009
Poultry - Salmonella Environmental Positive	9/11/2009	Result Released	9/12/2009
Poultry - Salmonella Environmental Suspicious	9/11/2009	Result Released	9/12/2009

Bacteriology

Poultry - Salmonella Environmental Negative

Animal ID	Specimen	Result
2-L2-5 EB Row 2	Environmental	Salmonella negative
4-L2-5 EB Row 4	Environmental	Salmonella negative
6-L2-5 EB Row 6	Environmental	Salmonella negative
12-L3-4 EB Row 4	Environmental	Salmonella negative
13-L3-4 EB Row 5	Environmental	Salmonella negative
20-L2-9 EB Row 4	Environmental	Salmonella negative
21-L2-9 EB Row 5	Environmental	Salmonella negative
25-L4-3 EB Row 1	Environmental	Salmonella negative
1-3 EB Row 2	Environmental	Salmonella negative
2-3 EB Row 3	Environmental	Salmonella negative
28-L4-3 EB Row 4	Environmental	Salmonella negative
30-L4-3 EB Row 6	Environmental	Salmonella negative

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Poultry - Salmonella Environmental Positive

<u>Animal Id</u>	<u>Specimen</u>	<u>Result</u>
1-L2-5 EB Row 1	Environmental	Salmonella species group D
3-L2-5 EB Row 3	Environmental	Salmonella species group E
5-L2-5 EB Row 5	Environmental	Salmonella species group C2
5-L2-5 EB Row 5	Environmental	Salmonella species group E
7-L2-5 Pit Row 2	Environmental	Salmonella species group C2
9-L3-4 EB Row 1	Environmental	Salmonella species group D
10-L3-4 EB Row 2	Environmental	Salmonella species group D
10-L3-4 EB Row 2	Environmental	Salmonella species group Poly
11-L3-4 EB Row 3	Environmental	Salmonella species group C2
14-L3-4 EB Row 6	Environmental	Salmonella species group E
15-L3-4 Pit Row 2	Environmental	Salmonella species group C1
17-L2-9 EB Row 1	Environmental	Salmonella species group C1
17-L2-9 EB Row 1	Environmental	Salmonella species group E
18-L2-9 EB Row 2	Environmental	Salmonella species group C1
19-L2-9 EB Row 3	Environmental	Salmonella species group C2
23-L2-9 Pit Row 2	Environmental	Salmonella species group C2
23-L2-9 Pit Row 2	Environmental	Salmonella species group D
24-L2-9 Pit Row 4	Environmental	Salmonella species group C2
29-L4-3 EB Row 5	Environmental	Salmonella species group B
31-L4-3 Pit Row 2	Environmental	Salmonella species group C2
32-L4-3 Pit Row 4	Environmental	Salmonella species group C2

Poultry - Salmonella Environmental Suspicious

<u>Animal ID</u>	<u>Specimen</u>	<u>Result</u>
8-L2-5 Pit Row 4	Environmental	Salmonella negative
16-L3-4 Pit Row 4	Environmental	Salmonella negative
22-L2-9 EB Row 6	Environmental	Salmonella negative

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PO Box 342

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Unknown
Unknown, Unknown 00000

Clarion, IA 50525

Reference: Layers 3, 4, 32, 52, 9
Diagnostician: [REDACTED]

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Poultry - Salmonella Environmental Negative

<u>Animal ID</u>	<u>Specimen</u>	<u>Result</u>
2-L2-5 EB Row 2	Environmental	Salmonella negative
4-L2-5 EB Row 4	Environmental	Salmonella negative
6-L2-5 EB Row 6	Environmental	Salmonella negative
12-L3-4 EB Row 4	Environmental	Salmonella negative
13-4 EB Row 5	Environmental	Salmonella negative
12-9 EB Row 4	Environmental	Salmonella negative
21-L2-9 EB Row 5	Environmental	Salmonella negative
25-L4-3 EB Row 1	Environmental	Salmonella negative
26-L4-3 EB Row 2	Environmental	Salmonella negative
27-L4-3 EB Row 3	Environmental	Salmonella negative
28-L4-3 EB Row 4	Environmental	Salmonella negative
30-L4-3 EB Row 6	Environmental	Salmonella negative

Poultry - Salmonella Environmental Positive

<u>Animal Id</u>	<u>Specimen</u>	<u>Result</u>
1-L2-5 EB Row 1	Environmental	Salmonella species group D
3-L2-5 EB Row 3	Environmental	Salmonella species group E
5-L2-5 EB Row 5	Environmental	Salmonella species group C2
5-L2-5 EB Row 5	Environmental	Salmonella species group E
7-L2-5 Pit Row 2	Environmental	Salmonella species group C2
9-L3-4 EB Row 1	Environmental	Salmonella species group D
10-L3-4 EB Row 2	Environmental	Salmonella species group D
10-L3-4 EB Row 2	Environmental	Salmonella species group Poly
11-L3-4 EB Row 3	Environmental	Salmonella species group C2
14-L3-4 EB Row 6	Environmental	Salmonella species group E
15-L3-4 Pit Row 2	Environmental	Salmonella species group C1
17-L2-9 EB Row 1	Environmental	Salmonella species group C1
17-L2-9 EB Row 1	Environmental	Salmonella species group E
18-L2-9 EB Row 2	Environmental	Salmonella species group C1
19-L2-9 EB Row 3	Environmental	Salmonella species group C2
23-L2-9 Pit Row 2	Environmental	Salmonella species group C2
23-L2-9 Pit Row 2	Environmental	Salmonella species group D
23-L2-9 Pit Row 4	Environmental	Salmonella species group C2
29-L4-3 EB Row 5	Environmental	Salmonella species group B
31-L4-3 Pit Row 2	Environmental	Salmonella species group C2

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