

Veterinary Diagnostic Laboratory
Iowa State University
College of Veterinary Medicine
 Ames, Iowa 50011-1250
 P: [REDACTED]
 Fax: [REDACTED]

Final Report
 Report Date: 8/12/2009

Dr. Not Identified
 Decoster Farms of Iowa
 PO Box 342

Owner: Decoster Farms IA
 Unknown
 Unknown, Unknown 00000

Clarion, IA 50525

Reference: Layer 4-16 4-9 2009 5-B
 Diagnostician: [REDACTED]

Client Phone: [REDACTED]
 Client Fax: 1-[REDACTED]
 Client Account [REDACTED]
 Date Received: 7/30/2009
 Preliminary Report: 8/12/2009

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

Age: 32 Weeks
 Weight: NA
 Received:
 32 Sponges

Bacteriology:

Environmental sponges were submitted for *Salmonella* culture by primary and delayed enrichment. See results below. *Salmonella* was isolated including serogroups B, C2 and D, potentially *Salmonella enteritidis*. The serogroup D isolate has been sent to NVSL for final speciation and you will receive those results in a supplemental report. The serogroup B and C2 isolates were saved in the lab. Please call if you have any questions. (8/12/09 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, Myo=*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.

<u>Test Ordered</u>	<u>Laboratory Result(s)</u>		
	<u>Order Date</u>	<u>Current Status</u>	<u>Complete Date</u>
Poultry - <i>Salmonella</i> Environmental Negative	8/12/2009	Result Released	8/12/2009
Poultry - <i>Salmonella</i> Environmental Positive	8/12/2009	Result Released	8/12/2009
Poultry - <i>Salmonella</i> Environmental Suspicious	8/12/2009	Result Released	8/12/2009

Microbiology

Poultry - *Salmonella* Environmental Negative

<u>Animal ID</u>	<u>Specimen</u>	<u>Result</u>
2 - 2-2 Egg belt 1 Rw 2	Environmental	Salmonella negative
4 - 2-2 Egg belt 1 Rw 4	Environmental	Salmonella negative
5 - 2-2 Egg belt 1 Rw 5	Environmental	Salmonella negative
1-2 Egg belt 1 Rw 6	Environmental	Salmonella negative
1U - 4-9 Egg belt 1 Rw 2	Environmental	Salmonella negative
11 - 4-9 Egg belt 1 Rw 3	Environmental	Salmonella negative
12 - 4-9 Egg belt 1 Rw 4	Environmental	Salmonella negative
13 - 4-9 Egg belt 1 Rw 5	Environmental	Salmonella negative
14 - 4-9 Egg belt 1 Rw 6	Environmental	Salmonella negative
4-9 Pit Row 2	Environmental	Salmonella negative
9 Pit Row 4	Environmental	Salmonella negative
21 - 16 Egg belt 1 Rw	Environmental	Salmonella negative

22 - 4-16 Egg belt 1 Rw Environmental
6
23 - 4-16 Pit Row 2 Environmental
24 - 4-16 Pit Row 4 Environmental
25 - 5-8 Egg belt 1 Rw 1 Environmental
26 - 5-8 Egg belt 1 Rw 2 Environmental
27 - 5-8 Egg belt 1 Rw 3 Environmental

Salmonella negative

Poultry - Salmonella Environmental Positive

<u>Animal Id</u>	<u>Specimen</u>	<u>Result</u>
1 - 2-2 Egg belt 1 Rw 1	Environmental	Salmonella species group D
7 - 2-2 Pit Row 2	Environmental	Salmonella species group C2
8 - 2-2 Pit Row 4	Environmental	Salmonella species group B
18 - 4-16 Egg belt 1 Rw	Environmental	Salmonella species group B

2
28 - 5-8 Egg belt 1 Rw 4 Environmental
31 - 5-8 Pit Row 2 Environmental
32 - 5-8 Pit Row 4 Environmental

22
Salmonella species group C2
Salmonella species group C2
Salmonella species group C2

Poultry - Salmonella Environmental Suspicious

<u>Animal ID</u>	<u>Specimen</u>	<u>Result</u>
3 - 2-2 Egg belt 1 Rw 3	Environmental	Salmonella negative
9 - 4-9 Egg belt 1 Rw 1	Environmental	Salmonella negative
17 - 4-16 Egg belt 1 Rw	Environmental	Salmonella negative
1 19 - 4-16 Egg belt 1 Rw	Environmental	Salmonella negative
3 20 - 4-16 Egg belt 1 Rw	Environmental	Salmonella negative
4 29 - 5-8 Egg belt 1 Rw 5	Environmental	Salmonella negative
30 - 5-8 Egg belt 1 Rw 6	Environmental	Salmonella negative