

Veterinary Diagnostic Laboratory

Iowa State University
College of Veterinary Medicine
Ames, Iowa 50011-1250

Phone: [REDACTED]
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Final Report
Report Date: 8/12/2009

Dr. Not Identified
Decoster Farms of Iowa
PO Box 342

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

Clarion, IA 50525

Reference: Layers 448110
Diagnostician: [REDACTED]

Client Phone: [REDACTED]
Client Fax: 1-[REDACTED]
Client Account: [REDACTED]
Date Received: 7/30/2009
Preliminary Report: 8/11/2009, 8/11/2009

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

Age: 69 Weeks
Weight: NA
Received:
16 Environ. Sponges

Bacteriology:

Environmental sponges were submitted for Salmonella culture by primary and delayed enrichment. See results below. Salmonella was isolated including serogroups B, C2, D, potentially *Salmonella enteritidis*, and E. 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, C2 and E 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, 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 | 8/11/2009 | Result Released | 8/11/2009 |
| Poultry - Salmonella Environmental Positive | 8/11/2009 | Result Released | 8/11/2009 |
| Poultry - Salmonella Environmental Suspicious | 8/11/2009 | Result Released | 8/11/2009 |

Bacteriology

Poultry - Salmonella Environmental Negative

| Animal ID | Specimen | Result |
|------------------|---------------|---------------------|
| 1-L4-4 EB Row 3 | Environmental | Salmonella negative |
| 1-L4-4 EB Row 5 | Environmental | Salmonella negative |
| 1-L4-4 EB Row 6 | Environmental | Salmonella negative |
| 1-L4-4 EB Row 1 | Environmental | Salmonella negative |
| 14L4-10 EB Row 6 | Environmental | Salmonella negative |

Poultry - Salmonella Environmental Positive

| Animal ID | Specimen | Result |
|------------------------|---------------|-----------------------------|
| 1-L4-4 EB Row 4 | Environmental | Salmonella species group B |
| 1-L4-4 Pit Row 2 | Environmental | Salmonella species group B |
| 7-L4-4 Pit Row 2 | Environmental | Salmonella species group C2 |
| 8-L4-4 EB Row 4 (pit?) | Environmental | Salmonella species group C2 |
| 10L4-10 EB Row 2 | Environmental | Salmonella species group B |

4-4

Accession: 2009021828

| | | |
|--------------------|---------------|----------------------------|
| 12L4-10 EB Row 4 | Environmental | Salmonella species group B |
| 13L4-10 EB Row 5 | Environmental | Salmonella species group B |
| 15-L4-10 Pit Row 2 | Environmental | Salmonella species group B |
| 15-L4-10 Pit Row 2 | Environmental | Salmonella species group D |
| 16-L4-10 Pit Row 4 | Environmental | Salmonella species group B |
| 16-L4-10 Pit Row 4 | Environmental | Salmonella species group E |

Poultry - Salmonella Environmental Suspicious

| <u>Animal ID</u> | <u>Specimen</u> | <u>Result</u> |
|------------------|-----------------|---------------------|
| 1-L4-4 EB Row 1 | Environmental | Salmonella negative |
| 1-L4-4 EB Row 2 | Environmental | Salmonella negative |
| 11L4-10 EB Row 3 | Environmental | Salmonella negative |

Handwritten notes:
m/s 8 3/4 m/l