

ZOONOTIC AND OTHER ANIMAL DISEASES OF CONCERN IN MARYLAND

Estimated first onset	Estimated end date	Jurisdiction affected	Species affected	Diagnosis	Estimated # of cases to date	Lead agency	Comment
February 5, 2014	February 12, 2014	Talbot, St Mary's	Juvenile Ruddy ducks	emaciation	100	DNR	See page 2

Table 1. New or Ongoing Morbidity or Mortality Animal or Zoonotic Disease Events

For questions regarding specific disease events, please contact the lead agency noted. This contact information is for use by Maryland veterinarians and health professionals:

MDA - Maryland Department of Agriculture: ahops.mda@maryland.gov, 410-841-5810

DHMH - Maryland Department of Health and Mental Hygiene, Center for Zoonotic and Vector-borne Diseases: dhmh.czvbd@maryland.gov, 410-767-5649

DNR - Maryland Department of Natural Resources, Fish & Wildlife Health Program, FWHP@dnr.state.md.us, 410-226-5193

Rabies Antibody Titers (RFFIT) Test Submission Guidelines for Maryland Residents Not Employed by State or Local Health Departments in Rabies/Zoonotic Disease Control Programs or Local Government Animal Control Agencies

Effective January 1, 2014, DHMH Laboratories Administration implemented a schedule of charges for Rapid Fluorescent Focus Inhibition Test (RFFIT) submissions from Maryland residents not employed by state or local health departments (LHDs) in rabies/zoonotic disease control programs or local government animal control agencies. The submission guidelines are provided in the attached memo and can also be found at <http://www.dhmh.maryland.gov/laboratories/SitePages/rabies.aspx>. For additional information, please contact the DHMH Laboratories Administration Rabies/Zoonotic Diseases Program at 410-767-6177.

For LHD personnel assessing deviations from the recommended rabies post-exposure prophylaxis regimen, please consult with DHMH Center for Zoonotic and Vectorborne Diseases (CZVBD) staff as usual. If, in the course of the consultation, CZVBD staff recommend that a rabies virus neutralizing antibody titer be determined, then there will be no charge for the RFFIT.

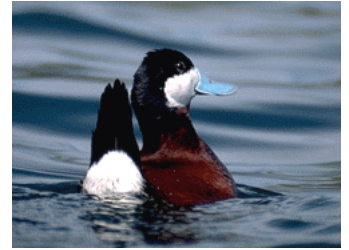
To report cases of disease in:	Contact:
Domestic animals	MDA Animal Health Program Office 410-841-5810 http://mda.maryland.gov/animalHealth/Pages/Diseases.aspx
Wild animals	MD DNR / USDA Wildlife Service Call Center 1-877-463-6497 http://www.wher.org
Humans	DHMH Center for Zoonotic and Vector-borne Diseases 410-767-5649 http://phpa.dhmh.maryland.gov/OIDEOR/CZVBD/SitePages/Home.aspx

Ruddy Duck Mortalities

During the week of February 5 – 12, MD DNR was notified of wild Ruddy Duck mortalities in Talbot and St. Mary's counties. Approximately 100 birds were collected (for diagnostics as well as disposal). Carcasses were examined by MD DNR, MDA, and the USGS/ National Wildlife Health Center. All birds were juveniles and were emaciated; gross necropsy results indicated several miscellaneous pathologies (lung edema, GI parasitism). The final diagnosis made by MDA and NWHC was emaciation.

For additional information on wildlife diseases please refer to the Field Manual of Wildlife Disease on the USGS NWHC website: http://www.nwhc.usgs.gov/publications/field_manual/.

Adult Ruddy Duck



Courtesy US Fish and Wildlife Service

MARYLAND ANIMAL RABIES CASES, 2014

Table 2. New (confirmed since the previous Bulletin) and Cumulative Rabies Cases, Week Ending March 15, 2014

Jurisdiction	Bat Total (New)	Cat Total (New)	Cow Total (New)	Dog Total (New)	Fox Total (New)	Groundhog Total (New)	Raccoon Total (New)	Skunk Total (New)	Other Total (New)	Total (New)
Allegany							1(1)			1(1)
Anne Arundel	1(1)						6(4)			7(5)
Baltimore										
Baltimore City	1(1)				2(2)		1(1)			4(4)
Calvert							1			1
Caroline								1(1)		1(1)
Carroll		1					1			2
Cecil										
Charles							1			1
Dorchester							3(2)			3(2)
Frederick		2(1)					1	1(1)		4(2)
Garrett										
Harford							4(2)			4(2)
Howard					1		1(1)			2(1)
Kent										
Montgomery					1(1)		4(3)			5(4)
Prince George's					2(2)		1(1)			3(3)
Queen Anne's							1(1)			1(1)
Somerset							1(1)			1(1)
St. Mary's										
Talbot							3(3)			3(3)
Washington							3(2)			3(2)
Wicomico							1			1
Worcester							3(2)			3(2)
Total (New)	2(2)	3(1)			6(5)		37(24)	2(2)		50(34)

Other:

For complete animal rabies data:

<http://phpa.dhmh.maryland.gov/OIDEOR/CZVBD/SitePages/Home.aspx>

To view previous issues of the Maryland One Health Bulletin (MOHB):

<http://mda.maryland.gov/animalHealth/Pages/md-one-health.aspx>

Maryland Department of Health and Mental Hygiene Weekly Public Health and Emergency Preparedness Bulletin:

<http://preparedness.dhmh.maryland.gov/SitePages/Public%20Health%20And%20Emergency%20Preparedness%20Bulletins.aspx>

National Wildlife Health Center New and Ongoing Wildlife Mortality Events Nationwide:

http://www.nwhc.usgs.gov/mortality_events?ongoing.jsp

U.S. Livestock and Poultry Disease Events and Trends:

http://www.aphis.usda.gov/wps/portal/banner/help?1dmy&uril=wcm%3apath%3a%2FAPHIS_Content_Library%2FSA_Our_Focus%2FSA_Animal_Health

Maryland Department of Health and Mental Hygiene Weekly Influenza Report:

<http://phpa.dhmh.maryland.gov/influenza/fluwatch/SitePages/Home.aspx>



STATE OF MARYLAND

DHMH


Maryland Department of Health and Mental Hygiene
201 W. Preston Street • Baltimore, Maryland 21201


Martin O'Malley, Governor – Anthony G. Brown, Lt. Governor – Joshua M. Sharfstein, M.D. Secretary


Laboratories Administration
Robert A. Myers, Ph.D., Director

DATE: February 10, 2014

TO: Local Health Department Health Officers, Rabies Coordinators, Environmental Health Directors, Communicable Diseases Directors

FROM: Robert A. Myers, Ph.D. 
Director, Laboratories Administration

Maria Paz Carlos, Ph.D. 
Chief, Division of Virology and Immunology

Kenneth Okogi, M.P.H. 
Supervisor, Rabies/Zoonotic Diseases Program, Division of Virology and Immunology

RE: Rabies Antibody Titer (RFFIT) Test Submission Guidelines for Maryland Residents Not Employed by the State or Local Health Departments (LHDs) Effective January 1, 2014

Due to budgetary constraints effective January 1, 2014, the DHMH Laboratories Administration implemented a schedule of charges for Rabies Antibody Titer (RFFIT) test submissions from Maryland residents not employed by the state or local health departments (LHDs) in Rabies/Zoonotic disease control programs or local government animal control agencies.

The fee is \$60 for each specimen. The rabies antibody titer (RFFIT) test submission guideline is enclosed and can also be found at <http://www.dhmh.maryland.gov/laboratories/SitePages/rabies.aspx>. For additional information, please contact the Rabies/Zoonotic Diseases Program at (410) 767-6177. Thank you.

Enc: Rabies Antibody Titer (RFFIT) Test Submission Guidelines for Maryland Residents Not Employed by the State or Local Health Departments (LHDs) Effective January 1, 2014

cc: Dr. Laura Herrera
Dr. David Blythe
Dr. Lucy Wilson
Dr. Katherine Feldman
Mr. Ken Keys
Dr. Guy Hohenhaus, MDA
Dr. Jo Chapman, MDA
Dr. Thomas Jacobs, MDA
Dr. Cindy Driscoll, DNR

Rabies Antibody Titer (RFFIT) Test Submission Guidelines for Maryland Residents Not Employed by the State or Local Health Departments (LHDs)

Effective January 1, 2014

I. RFFIT COLLECTION KIT

To request a RFFIT collection kit, contact the DHMH Laboratories Administration Outfit Room at (410)767-6120. Alternatively, a kit request form can be downloaded at <http://www.dhmh.maryland.gov/laboratories/SitePages/rabies.aspx>, and completed then faxed to (410)333-5019.

- A. The RFFIT collection kit includes the following:
- Serological Testing DHMH-4677 Form (submission form)
 - Red Top Tube
 - Biohazard Bag (6x9)
 - Bubble Wrap
 - RFFIT Specimen Submission Guideline
- B. For RFFIT test specific questions, contact the DHMH Rabies Laboratory at (410)767-6177.
- C. The DHMH Laboratories Administration Outfit Room will ship the RFFIT collection kits to the address provided on the Kit Request Form.
- D. A healthcare provider authorized to request medical laboratory tests listed below MUST authorize the RFFIT test.
- | | |
|---|---|
| M.D. (Doctor of Medicine) | D.D.S. (Doctor of Dental Surgery) |
| D.M.D. (Doctor of Dental Medicine) | P.A. (Certified Physician Assistant) |
| C.R.N.P (Certified Registered Nurse Practitioner) | N.P. (Nurse Practitioner) |
| C.F.N.P (Certified Family Nurse Practitioner) | D.O. (Doctor of Osteopathic Medicine) |
| M.S.W.C (Master of Social Work Clinical) | D.S.W.C. (Doctor of Social Work Clinical) |

II. SPECIMEN SUBMISSION INSTRUCTIONS

For appropriate submission, follow the steps below.

- A. On the Serological Testing DHMH-4677 Form (submission form), the name of the healthcare provider authorized to request medical laboratory tests (see list above) MUST be entered in the Test Request Authorized section. Ensure submitter name, address, phone no., and a FAX NO. (fax no. required to receive the test report), are correctly and legibly completed on the submission form. (see completed submission form example attached).
- B. Draw the blood using a red top tube. (3-5ml of whole blood is required).
- C. Label the red top tube with the following information:
- Last Name, First Name
 - Date of Birth
 - Collection Date
 - Attach a barcode label located at the bottom of the Serological Testing form to the red top tube.
- D. Place the labeled red top tube in the bubble wrap, and then put it in the biohazard bag.
- E. Seal the biohazard bag (one specimen per bag).

- E. Place the completed Serological Testing DHMH-4677 Form in the outside pocket of the biohazard bag.

Note: Specimens may be stored in the refrigerator (2-8°C), but not more than 3 days before shipping. Inappropriate submissions may result in a delay of testing and or rejection of the submission.

III. PAYMENT

- A. A check for \$60 must be enclosed for each specimen submission. If you are submitting more than one specimen, please include a check for the total number of specimens.
- B. Make checks payable to the DHMH-Laboratories Administration.
- C. The completed check **MUST** be enclosed with the specimen shipment.
- D. Contact DHMH Laboratories Administration Fiscal Unit (410-767-6107) for billing inquiries.

IV. SHIPPING

- A. Specimens can be sent to the DHMH Rabies laboratory using the following methods:
- Local couriers (shipper is responsible for the cost of shipping).
 - Drop-off at the receiving area of the laboratories administration.
 - Drop-off at your local health department. However, you **MUST** call Ms. Denise Shackleford (410-767-6116) to make initial arrangements and get the information for the drop-off location.
 - An overnight courier such as FEDEX, UPS, or USPS can be used Monday–Thursday only. (Compliance to IATA regulations is required). **NOTE:** Certified packaging systems are not supplied by the Laboratories Administration. The shipper is responsible for the cost of shipping.
- B. Ship specimens in insulated containers with ice packs. **DO NOT** use wet ice or dry ice. Also, animal rabies-DFA and RFFIT specimens **CANNOT** be shipped in the same container.
- C. Ship to:
- Maryland Department of Health and Mental Hygiene Laboratories Administration
Attention: ACCESSIONING RABIES/RFFIT TITER TESTING
201 W. Preston St.
Baltimore, MD 21201

V. TEST REPORT

The test report will be faxed to the fax number provided on the submission form. Please ensure that you provide a functional fax no.

For additional information, please contact the Rabies-Zoonotic Diseases Program at (410) 767-6177.
<http://www.dhmf.maryland.gov/laboratories/SitePages/rabies.aspx>