



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Zoological Pathology Program Molecular Diagnostic Laboratory

Institution: NOAA
 Address: 1315 East-West HWY
 Silver Spring, MD 20910

Veterinarian/contact: Dr. Teri Rowles
 Email: teri.rowles@noaa.gov
 Phone #: 301 427-8402
 Fax #:

Common/Scientific Name: bottlenose dolphin Tursiops truncatus

Sample type: lung in RNA Later

Sample ID: 95IMMS052211

Collection Date: 5/22/2011

Submission Date: _____

Storage Temp: -80

Transport Temp: dry ice

Suspected Pathogen:

- Bacterial
 Fungal
 Unknown
 None suspected, routine sample/screening

Test Requested:

Regular PCR tests

- Bacterial Generic PCR (Cx isolates or biological samples)
 Fungal Generic PCR (Cx isolates)

Bacterial Real-time PCR Tests

- Staphylococcus aureus
 S. aureus Methicillin-resistance gene
 Brucella sp.
 Sequencing for speciation if positive PCR
 Nocardia sp.
 Sequencing for speciation if positive PCR
 Leptospira spp.
 Mycobacterium sp.

Fungal Real-time PCR Tests (for "panel" check those needed)

- Universal Fungal
 Aspergillus sp.
 Aspergillus fumigatus
 Blastomyces dermatitidis
 Candida albicans
 Candida glabrata
 Coccidioides immitis
 Cryptococcus neoformans
 Histoplasma capsulatum

Other

- Canine Distemper Virus Reverse Transcriptase PCR

Special Instructions (no sequencing, etc.): e-mail results to Ruth.Ewing@noaa.gov

To ensure prompt processing please email zpplaboratory@vetmed.illinois.edu prior to shipping with tracking number and expected date of arrival.

This sheet must be completely filled out and accompany samples being submitted for testing. Please address sample shipments as follows:

Zoological Pathology Program
 University of Illinois
 LUMC, Bldg 101, Rm 0745
 2160 South First Avenue
 Maywood, IL 60153



Zoological Pathology Program Molecular Diagnostic Laboratory

Accession Number 13-Z071

Report Date: 6/10/2013

Institution: NOAA

Contact: Dr. Teri Rowles

Address: 1315 East-West Hwy
Silver Spring MD 20910

Species: Tursiops truncatus

Sample type: lung in RNA later

ID # 95IMMS052211

House Name

Other ID:

Tests Requested: Brucella sp. real-time PCR

Test Results: Negative

Comments There is no evidence of Brucella sp. DNA in the sample submitted.



Zoological Pathology Program Molecular Diagnostic Laboratory

Accession Number 13-Z072

Report Date: 6/10/2013

Institution: NOAA

Contact: Dr. Teri Rowles

Address: 1315 East-West Hwy
Silver Spring MD 20910

Species: Tursiops truncatus

Sample type: lung in RNA later

ID # 58IMMS031211

House Name

Other ID:

Tests Requested: Brucella sp. real-time PCR

Test Results: Equivocal

Comments There was detectable amplification of Brucella sp. DNA, but amplification was below the number of cycles for a definitive positive result. This can occur when there are low levels of target DNA within the sample. For this reason, sequencing will not be pursued at this time.



ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Zoological Pathology Program Molecular Diagnostic Laboratory

Accession Number 13-Z073

Report Date: 6/10/2013

Institution: NOAA

Contact: Dr. Teri Rowles

Address: 1315 East-West Hwy
Silver Spring MD 20910

Species: Tursiops truncatus

Sample type: lung in RNA later

ID # 68IMMS032111

House Name

Other ID:

Tests Requested: Brucella sp. real-time PCR

Test Results: Negative

Comments There is no evidence of Brucella sp. DNA in the sample submitted.



Zoological Pathology Program Molecular Diagnostic Laboratory

Accession Number 13-Z074

Report Date: 6/10/2013

Institution: NOAA

Contact: Dr. Teri Rowles

Address: 1315 East-West Hwy
Silver Spring MD 20910

Species: Tursiops truncatus

Sample type: lung LN

ID # BCF20110503-LA001-LA541

House Name

Other ID:

Tests Requested: Brucella sp. real-time PCR

Test Results: Negative

Comments There is no evidence of Brucella sp. DNA in the sample submitted.



Zoological Pathology Program Molecular Diagnostic Laboratory

Accession Number 13-Z075

Report Date: 6/10/2013

Institution: NOAA

Contact: Dr. Teri Rowles

Address: 1315 East-West Hwy
Silver Spring MD 20910

Species: *Tursiops truncatus*

Sample type: cerebrum

ID # BCF20110503-LA001-LA541

House Name

Other ID:

Tests Requested: Brucella sp. real-time PCR

Test Results: Negative

Comments There is no evidence of Brucella sp. DNA in the sample submitted.



ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Zoological Pathology Program Molecular Diagnostic Laboratory

Accession Number 13-Z076

Report Date: 6/10/2013

Institution: NOAA

Contact: Dr. Teri Rowles

Address: 1315 East-West Hwy
Silver Spring MD 20910

Species: Tursiops truncatus

Sample type: lung

ID # BCF20110503-LA001-LA541

House Name

Other ID:

Tests Requested: Brucella sp. real-time PCR

Test Results: Negative

Comments There is no evidence of Brucella sp. DNA in the sample submitted.