



PIHOA Regional Public Health Laboratory Services

DENGUE TESTING AND SHIPPING PROTOCOL FOR THE US-AFFILIATED PACIFIC ISLAND LABORATORIES

1.0 Dengue Testing Protocol

1.1 Testing At Local Laboratories

- 1.1.1 All specimens submitted for dengue testing are to undergo testing using the Pentax Dengue test kits provided for your laboratory, or any other dengue test kit of your laboratory's choice.
- 1.1.2 A copy of the Pentax Dengue test kit package insert is attached for your guide.
- 1.1.3 Also attached are recommendations on how to maximize the use of your Pentax Dengue test kit.
- 1.1.4 The test is to be conducted according to the manufacturer's instructions as outlined in the package insert of the test kit in use.
- 1.1.5 Complete the RPHL form # 3 attached for all specimens tested. This form is to accompany the shipment to the University of Hawaii – Department of Tropical and Infectious Diseases Laboratory. Make more copies of the form if needed.
- 1.1.6 The completed RPHL form # 3 form can be used as the '*Itemized List of Contents*' required to accompany the shipment. See section 2.3.2 below.
- 1.1.7 All specimens tested, **regardless of the result**, will be referred to the University of Hawaii – Department of Tropical and Infectious Diseases Laboratory for further confirmatory testing, using the shipping protocol below.

1.2 Required Specimen Volume

1.2.1 Ensure an adequate volume of 2ml – 4mL serum per specimen is available for further confirmatory dengue testing.

1.2.2 To save on shipping costs it is advisable and encouraged that specimens for confirmatory dengue testing at the University of Hawaii – Department of Tropical and Infectious Diseases Laboratory is batched and sent at least once a month, or when the total volume of the specimens is no more than 50mL.

1.2.3 The total volume of specimens to be shipped **should not** exceed 50mL since this is the maximum volume allowed for carriage on a passenger and cargo aircraft.

2.0 Dengue Shipping Protocol

2.1 Ensure Availability of Shipping Materials

2.1.1 Clear, adhesive tape

2.1.2 Transparent, biohazard bags with absorbent pads.

2.1.3 UN-certified shipping boxes for IATA packing instructions 602

2.1.4 UN 2814 labels

2.1.5 Continental Micronesia Shipper's Dispatch Form (if required)

2.1.6 Continental Micronesia Shipper's Declaration Form

2.2 Pre-shipment notification

2.2.1 Advise your local Continental Micronesia cargo of the intended shipment 24 hours prior to shipment date.

2.2.2 Send a pre-alert email to Duain Muraoka of the Courier Corporation of Hawaii of the intended shipping date. See contact details below.

2.2.3 Notify Dr Duane Gubler by email at the University of Hawaii, Tropical Medicine Department Laboratory of the intended dengue shipment. Copy the communication to Thomas Bui, Bruce Cropp and Cecil B Cropp at the University of Hawaii. Use the contact details below.

2.3 Packaging and Shipping of Dengue Specimens

2.3.1 Since specimens will be shipped on Continental Micronesia to Hawaii, all dengue specimens will be packed using the current IATA packing instructions 602, Infectious substances affecting humans, Category A.

2.3.2 Insert the '*Itemized List of Contents*' between the secondary container and the outer shipping package.

2.3.3 The outer package will be marked as:
"UN2814 Infectious substances, affecting humans".

- 2.3.4 The outer package will be labeled using the “**Class/Division 6.2 Infectious**” label.
- 2.3.5 The dengue shipment will be consigned to:
Dept. of Tropical Medicine Laboratory, University of Hawaii – Dr. D Gubler
651 Ilalo Street, BSB 3rd Floor, Honolulu, HI 96813
c/o COURIER CORPORATION OF HAWAII
500 ALAKAWA STREET, HONOLULU HI 96817
CONTACT PERSON: DUAIN MURAOKA
CONTACT PHONE: (808) 836-1151
- 2.3.6 Ensure that all other markings such as Shipper’s address, contact person, contact phone number; Total volume of specimens and the Responsible Person’s name and phone number are marked legibly on the package.
- 2.3.7 Using an adhesive tape, attach the CDC Dengue sticker onto the outer package of your dengue shipment. You are required to attach a copy of this sticker to all your future dengue shipments shipped to the University of Hawaii, Tropical Medicine Department Laboratory.
- 2.3.8 Ensure that the Shipper’s Declaration Form and Dispatch Form (if required) are completed neatly and accurately. A sample shipper’s declaration form is attached below for your guide.
- 2.3.9 Attach a copy of the import permit to the Air Waybill.
- 2.3.10 Make and retain copies of all your shipping documentation in the laboratory.
- 2.3.11 Deliver your shipment to your local Continental Micronesia Cargo office.

2.4 General Shipping Reminders

- 2.4.1 Ensure always that all shipments are packed and documentation signed by a current, known certified IATA or HazMat/Dangerous goods shipper.
- 2.4.2 To avoid any delays or weekends in Hawaii, all shipments must depart from your local Continental Micronesia stations on any day from Tuesday – Friday of each week.

3.0 **Payment of Shipping Expenses**

3.1 USAPI Laboratory – Honolulu Airport

- 3.1.1 At this time all shipping expenses from your island to the Honolulu International Airport is the responsibility of your local health

administration.

3.2 Honolulu International Airport – University of Hawaii

3.2.1 Expenses for the freight forwarding services provided by Courier Corporation of Hawaii will be the responsibility of PIHOA.

4.0 Post-shipment Notification

4.1 Inform Duain Muraoka of Courier Corporation of Hawaii via email the date of departure of your dengue shipment from your local station, the expected date and time of arrival at the Honolulu International Airport, the flight number and the Air Waybill number.

4.2 Copy your email communication to Dr Duane Gubler, Thomas Bui, Bruce Cropp and Cecil B Cropp at the University of Hawaii.

4.3 Also copy your email communication to the PIHOA Regional Laboratory Coordinator at the Guam Public Health Laboratory.

5.0 Contact Information

Name & Address	Phone	Fax	Email
Dr Duane Gubler Director, Asia-Pacific Institute of Tropical Medicine & Infectious Diseases Professor & Chair, Dept. of Tropical Medicine & Medical Microbiology John A. Burns School of Medicine 651 Ilalo Street, BSB 3 rd Floor, Honolulu, HI 96813	(808) 692-1606	(808) 692-1979	dgubler@hawaii.edu
Bruce Cropp Dept. of Tropical Medicine & Medical Microbiology John A. Burns School of Medicine 651 Ilalo Street, BSB 3 rd Floor, Honolulu, HI 96813	(808) 692-1606	(808) 692-1979	cropp@hawaii.edu
Cecil B Cropp Dept. of Tropical Medicine & Medical Microbiology John A. Burns School of Medicine 651 Ilalo Street, BSB 3 rd Floor, Honolulu, HI 96813	(808) 692-1606	(808) 692-1979	cropp@hawaii.edu
Thomas Bui Dept. of Tropical Medicine & Medical Microbiology John A. Burns School of Medicine 651 Ilalo Street, BSB 3 rd Floor, Honolulu, HI 96813	(808) 692-1606	(808) 692-1979	tuab@hawaii.edu

Duain Muraoka International Manager Courier Corporation of Hawaii 500 Alakawa Street, Honolulu, HI 96817	(808) 836-1151 or (808) 478-2827 (cell)		duain@cchawaii.com
Vasiti Uliviti PIHOA Regional Laboratory Coordinator <u>Postal address:</u> P.O. Box 5314, UOG Station, Mangilao, GU 96923 <u>Physical address:</u> Guam Public Health Laboratory 123 Chalan Kareta, Route 10, Mangilao, GU 96923	(671) 734-3338	(671) 734-3338	rlcpihoa@yahoo.com

ATTACHMENTS

1. Pentax Dengue Test Kit Package Insert
2. Recommendations of use of the Pentax Dengue Test Kit
3. Dengue Laboratory Test Form (RPHL form # 3)
4. Continental Micronesia Shipper's Declaration Form (Sample)
5. CDC Dengue Sticker
6. Import permit



PIHOA REGIONAL PUBLIC HEALTH LABORATORY SERVICES

DENGUE LABORATORY TEST FORM

(RPHL form # 3)

a. Laboratory Name: _____

Specimen #	Patient I.D. #	Age	Gender	Race	Date of Symptom Onset	Date sample collected	Initial Test Result Method:	Confirmatory Test Result Method:

b. Date initial test (L1) completed: _____ Technologist Name & Signature: _____