



SPECIAL PATHOGENS TESTING

Washington State Public Health Lab

Presenters

Jessica Gant

Lead Microbiologist

Bioterrorism/ Emergency Response

Emily Nebergall

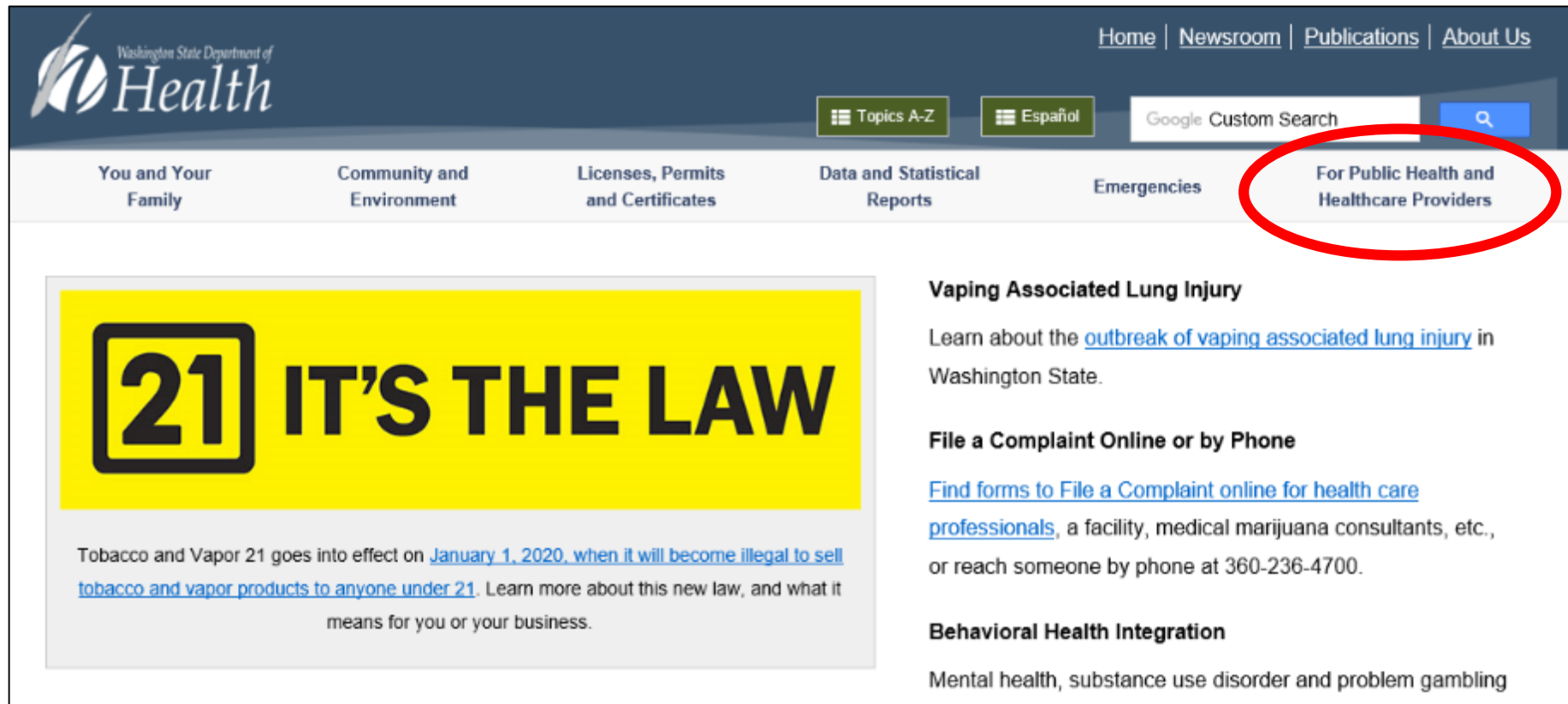
Sentinel Lab Coordinator

Bioterrorism/ Emergency Response

Public Health Laboratory

The Public Health Laboratories provides diagnostic and analytical services for the assessment and surveillance of infectious, communicable, genetic, and chronic diseases and environmental health concerns.

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Home | [Newsroom](#) | [Publications](#) | [About Us](#)

[Topics A-Z](#) [Español](#)

[You and Your Family](#) [Community and Environment](#) [Licenses, Permits and Certificates](#) [Data and Statistical Reports](#) [Emergencies](#) **[For Public Health and Healthcare Providers](#)**



Tobacco and Vapor 21 goes into effect on [January 1, 2020, when it will become illegal to sell tobacco and vapor products to anyone under 21](#). Learn more about this new law, and what it means for you or your business.

Vaping Associated Lung Injury

Learn about the [outbreak of vaping associated lung injury](#) in Washington State.

File a Complaint Online or by Phone

[Find forms to File a Complaint online for health care professionals](#), a facility, medical marijuana consultants, etc., or reach someone by phone at 360-236-4700.

Behavioral Health Integration

Mental health, substance use disorder and problem gambling

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Washington State Department of Health

Home | Newsroom | Publications | About Us

Topics A-Z | Español | Google Custom Search

You and Your Family | Community and Environment | Licenses, Permits and Certificates | Data and Statistical Reports | Emergencies | For Public Health and Healthcare Providers

Breastfeeding Friendly Washington
Clinical Laboratory Reporting
Emergency Medical Services (EMS) Systems
Emergency Preparedness

Health Systems Transformation
Healthcare Professionals and Facilities
Notifiable Conditions
Public Health Laboratories

Public Health System Resources and Services
Rural Health
Tribal Public Health

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Special Pathogens

- Anthrax
- Plague
- Brucellosis
- Tularemia
- *Burkholderia mallei* & *pseudomallei*
- Q fever
- Botulism
- Coronavirus (MERS-CoV, SARS, Other Novel Coronavirus)
- Ebola
- Rabies
- CRE
- Legionellosis
- Measles
- Mumps
- TB

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Washington State Department of Health

Home | Newsroom | Publications | About Us

Topics A-Z | Español | Google Custom Search

You and Your Family | Community and Environment | Licenses, Permits and Certificates | Data and Statistical Reports | Emergencies | For Public Health and Healthcare Providers

Breastfeeding Friendly Washington
Clinical Laboratory Reporting
Emergency Medical Services (EMS) Systems
Emergency Preparedness

Health Systems Transformation
Healthcare Professionals and Facilities
Notifiable Conditions
Public Health Laboratories

Public Health System Resources and Services
Rural Health
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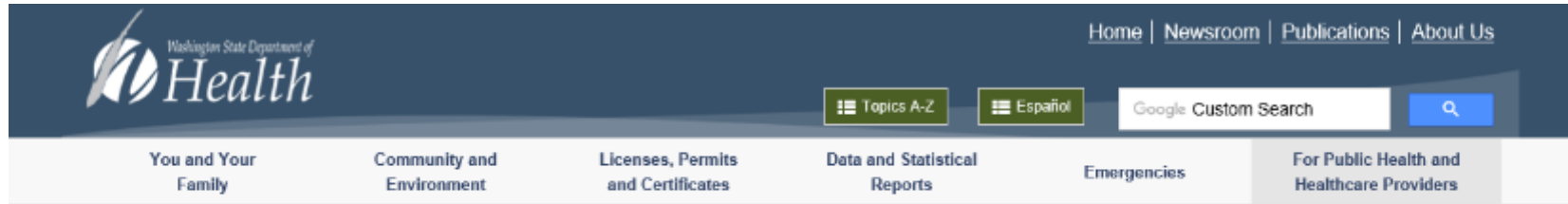
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For Public Health and Healthcare Providers > Notifiable Conditions

Notifiable Conditions
Disease Surveillance Data
EpITRENDS
How To Report - Posters
List of Notifiable Conditions
Rule Making

Notifiable Conditions

Reporting Notifiable Conditions

In Washington State, health care providers, health care facilities, laboratories, veterinarians, food service establishments, child day care facilities, and schools are required to notify public health authorities at their local health jurisdiction of suspected or confirmed cases of selected diseases or conditions. These are referred to as **notifiable conditions**.

List of Notifiable Conditions

Most of Washington State's notifiable conditions can be found on the [List of Notifiable Conditions](#) page. Access to commonly used resources such as reporting forms and investigation guidelines for public health investigators can also be found on the page, along with links to disease pages for most conditions. For a complete list of notifiable conditions, see [WAC 246-101](#).

What is the purpose of reporting and surveillance?

Public health surveillance includes reporting, investigation, collection, and distribution of data about illness and death. This surveillance helps prevent and control disease in Washington State by:

Local Health Jurisdictions



**Notifiable
Conditions
Reporting**

HEALTH CARE FACILITIES

Notifiable to the local health jurisdiction (LHJ) of the patient's residence

Phone numbers by LHJ are listed on the other side of this poster. If unable to reach the LHJ of the patient's residence, please call: **1-877-539-4344**

📞 IMMEDIATELY NOTIFIABLE: Requires a phone call to reach a live person at the local health jurisdiction, 24/7

Must be reported as soon as clinically suspected

Animal bites, when human exposure to rabies is suspected

Anthrax

Botulism (foodborne, infant, and wound)

***Burkholderia mallei* (glanders) and *pseudomallei* (melioidosis)**

Cholera

Diphtheria

Disease of suspected bioterrorism origin

Domoic acid poisoning (amnesic shellfish poisoning)

***E. coli* – refer to “Shiga toxin-producing *E. coli* infections”**

🕒 Notifiable within 24 hours: Requires a phone call if reporting after normal public health business hours

Brucellosis

Hantavirus pulmonary syndrome

Hepatitis A, acute

Hepatitis B, acute

Hepatitis E, acute

Legionellosis

Leptospirosis

Listeriosis

Mumps, acute

Pertussis

Psittacosis

Local Health Jurisdictions

Local health jurisdiction (LHJ) phone numbers and websites				
LHJ	Communicable disease (CD) phone numbers	CD after hours	Fax	Website
Adams	509-488-2031	509-659-1122	509-331-0030	http://www.co.adams.wa.us/departments/health_department/index.php
Asotin	509-243-3344	509-552-0049	509-243-3345	http://www.ac-hd.org/
Benton Franklin	509-539-0416	509-543-3851	509-460-4377	http://www.bfhhd.wa.gov/base/index.php
Chelan Douglas	509-886-6400	509-886-6499	509-886-6478	http://www.cdhd.wa.gov/
Clallam	360-417-2412	206-517-2384	360-452-4492	http://www.clallam.net/HHS/
Clark	564-397-8182	888-727-6230	564-397-8080	https://www.clark.wa.gov/public-health
Columbia	509-382-2181	509-382-2181	509-382-2942	http://www.columbiaco.com/index.aspx?nid=18
King	<u>Immediately notifiable:</u> 206-296-4774 <u>Other notifiable:</u> 206-296-4782 <u>HIV/AIDS:</u> 206-263-2000 <u>STD:</u> 206-744-3590 <u>TB:</u> 206-744-4579	800-421-6499	206-296-4803 <u>STD:</u> 206-744-5622 <u>TB:</u> 206-744-4350	http://www.kingcounty.gov/healthservices/health.aspx



How to Order a Lab Test at the PHL



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Washington State Department of Health

Home | Newsroom | Publications | About Us

Topics A-Z | Español | Google Custom Search

You and Your Family | Community and Environment | Licenses, Permits and Certificates | Data and Statistical Reports | Emergencies | For Public Health and Healthcare Providers

Breastfeeding Friendly Washington
Clinical Laboratory Reporting
Emergency Medical Services (EMS) Systems
Emergency Preparedness

Health Systems Transformation
Healthcare Professionals and Facilities
Notifiable Conditions
Public Health Laboratories

Public Health System Resources and Services
Rural Health
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The screenshot displays the Washington State Department of Health website. The header includes the department's logo, navigation links (Home, Newsroom, Publications, About Us), and a search bar. A secondary navigation bar lists various service categories. The main content area is titled 'Public Health Laboratories' and includes a sidebar with a list of links, where 'Microbiology Lab Test Menu' is highlighted with a red circle. The main text describes the laboratory's services and provides links to a directory of services and a brochure. Two brochures are shown at the bottom: 'Directory of Services' (August 2018) and 'Public Health Laboratories' (a community health brochure).

Washington State Department of Health

Home | Newsroom | Publications | About Us

Topics A-Z | Español | Google Custom Search

You and Your Family | Community and Environment | Licenses, Permits and Certificates | Data and Statistical Reports | Emergencies | For Public Health and Healthcare Providers

For Public Health and Healthcare Providers > Public Health Laboratories

Public Health Laboratories

Public Health Laboratories provides diagnostic and analytical services for the assessment and surveillance of infectious, communicable, genetic, and chronic diseases and environmental health concerns.

Learn about the entire laboratories and services in the [Directory of Services \(PDF, 78 pages, 3.5 MB\)](#), or take a quick view of services [in our brochure \(PDF\)](#).

Microbiology Lab Test Menu

ARLN Lab Test Menu

Biohazardous Materials

Driving Directions

Forms

Phone Numbers

Publications

Shipping

Directory of Services
August 2018

Public Health Laboratories
PUBLIC HEALTH
SAFER • HEALTHIER • A BETTER AND HEALTHIER COMMUNITY

Accreditation and Medical Test License

[# For Public Health and Healthcare Providers](#) > [Public Health Laboratories](#) > [Microbiology Lab Test Menu](#)

Public Health Laboratories

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Biohazardous Materials

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Publications

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Microbiology Laboratory Test Menu

Use the searchable menu below for:


- Specimen collection and shipping instructions
- Specimen submission forms
- Pre-approval requirements
- Testing methodologies and frequencies
- Turnaround times and contact information

To ensure that specimens meet laboratory acceptance criteria, please review all appropriate content prior to specimen submission.

[Search](#)

Name	Updated
+ Aerobic Bacterial Culture	03/17/2015
+ Aerobic Bacterial Identification Aerobes	09/17/2014
+ Anaerobic Bacterial Culture Anaerobic Isolation, Anaerobes	01/16/2015
+ Anaerobic Bacterial Identification Anaerobes	01/16/2015
+ Antimicrobial Susceptibility Testing Sensitivity, MRSA, VRSA, VISA, Multidrug resistant, Minimal inhibition testing	09/16/2014
+ Archival Isolate Epidemiology, Archive, State Request	09/16/2014
+ Gonorrhea and Syphilis (R&B) Tests	09/20/2014

Lab Test Menu

 **Bacillus anthracis (Anthrax)** 09/20/2018
*Bacillus anthracis, B. anthracis, anthrax, Rule out Bacillus anthracis, R/O Bacillus anthracis,
Rule out B. anthracis, R/O B. anthracis*

Specimen Collection and Submission Instructions	Bacillus anthracis
Required Form	Requisition Form - Bioterrorism
WA PHL Laboratory Unit	Laboratory Response Network
Pre-approval Requirement Procedure, if applicable	Pre-approval required. Contact the Local Health Jurisdiction (LHJ) of the patient's county of residence and the Department of Health (DOH) Office of Communicable Disease Epidemiology (CDE) 206-418-5500.
Methodology	Real-Time Polymerase Chain Reaction (RT-PCR), standard reference procedures for biochemical identification, susceptibility

Testing Frequency	Daily, on regular business days*
Turnaround Time (business days)	8 hours**
Footnotes	* Stat testing is available 24/7 for critical situations ** Results for confirmation have an extended turnaround time (48 hours)
Contact	Bioterrorism (206) 418-5562
Disease Condition Overview	Disease Condition Overview - Anthrax
Notifiable Conditions Info	Notifiable Conditions Overview List of Notifiable Conditions (includes links to reporting forms, guidelines for public health investigations, and case definition)

Lab Test Menu

Bacillus anthracis (Anthrax) 09/20/2018
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Specimen Collection and Submission Instructions

[Bacillus anthracis](#)

Required Form

[Requisition Form - Bioterrorism](#)

WA PHL Laboratory Unit

Laboratory Response Network

Pre-approval Requirement Procedure, if applicable

Pre-approval required.

Contact the [Local Health Jurisdiction](#) (LHJ) of the patient's county of residence and the Department of Health (DOH) Office of Communicable Disease Epidemiology (CDE) 206-418-5500.

Methodology

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[Disease Condition Overview - Anthrax](#)

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Specimen Collection and Submission Instructions *Bacillus anthracis* (Anthrax) (Version 3) Page 1 of 2

Specimen Type	Collection Time	Collection Frequency	Collection Procedures	Transport Media	Shipping & Handling (S&H)**
Pure culture/ Isolated colony	NA		Use nutrient agar plate / slant.	NA	<ul style="list-style-type: none"> • Transport device: See Collection Procedures. • Transport: Ship specimens at room temperature. • Storage: Room temperature.
Cutaneous: <ul style="list-style-type: none"> ○ Vesicular (early) stage ○ Eschar (late) stage 	At illness		<ul style="list-style-type: none"> • Unroof vesicle and aspirate fluid, or collect with two sterile swabs. • Collect with only synthetic tip swabs (e.g. Dacron, Nylon, Polyester) with non-wooden shaft. • Insert swab (dacron) beneath the edge of the eschar, rotate swab or obtain an aspirate. 	NA	<ul style="list-style-type: none"> • Transport device: Sterile leak-proof container. • Transport: Ship specimens at room temperature. • Storage: If arriving at WAPHL \geq 72 hrs of collection, refrigerate at 2-8°C.
Gastro-intestinal			Collect stool (> 5 grams) into a leak- proof sealed container.	NA	<ul style="list-style-type: none"> • Transport device: Sterile leak-proof container. • Transport: Ship cold (2-8°C) on ice packs. • Storage: Refrigerate at 2-8°C.
Inhalational			Collect Cerebral Spinal Fluid (> 1ml); only if signs of meningitis occur.	NA	<ul style="list-style-type: none"> • Transport device: Sterile leak-proof container. • Transport: Ship cold (2-8°C) on ice packs. • Storage: Refrigerate at 2-8°C.

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Washington State Department of Health | 19

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Washington State Department of Health

Home | Newsroom | Publications | About Us

Topics A-Z | Español | Google Custom Search

You and Your Family | Community and Environment | Licenses, Permits and Certificates | Data and Statistical Reports | Emergencies | For Public Health and Healthcare Providers

Breastfeeding Friendly Washington
Clinical Laboratory Reporting
Emergency Medical Services (EMS) Systems
Emergency Preparedness

Health Systems Transformation
Healthcare Professionals and Facilities
Notifiable Conditions
Public Health Laboratories

Public Health System Resources and Services
Rural Health
Tribal Public Health

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Washington State Department of Health

Home | Newsroom | Publications | About Us

Topics A-Z | Español | Google Custom Search

You and Your Family | Community and Environment | Licenses, Permits and Certificates | Data and Statistical Reports | Emergencies | **For Public Health and Healthcare Providers**

For Public Health and Healthcare Providers > Public Health Laboratories

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ARLN Lab Test Menu

Biohazardous Materials

Driving Directions

Forms

Microbiology Lab Test Menu

Phone Numbers

Publications

Shipping

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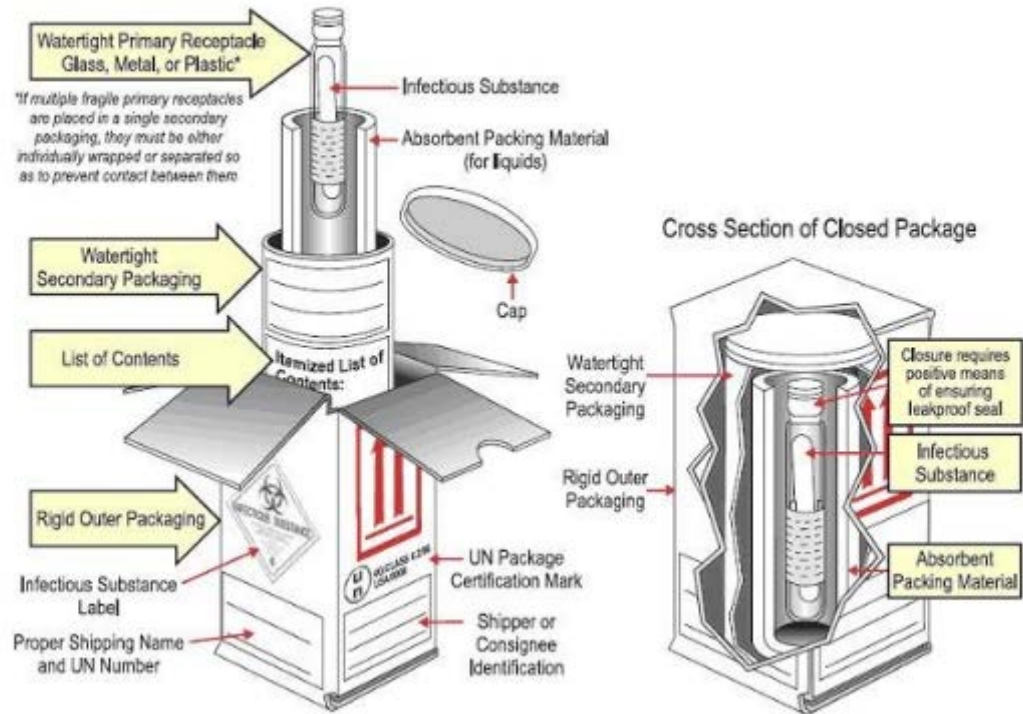
Washington State Department of Health
Public Health Laboratories
Directory of Services
August 2018

Washington State Department of Health
Public Health Laboratories
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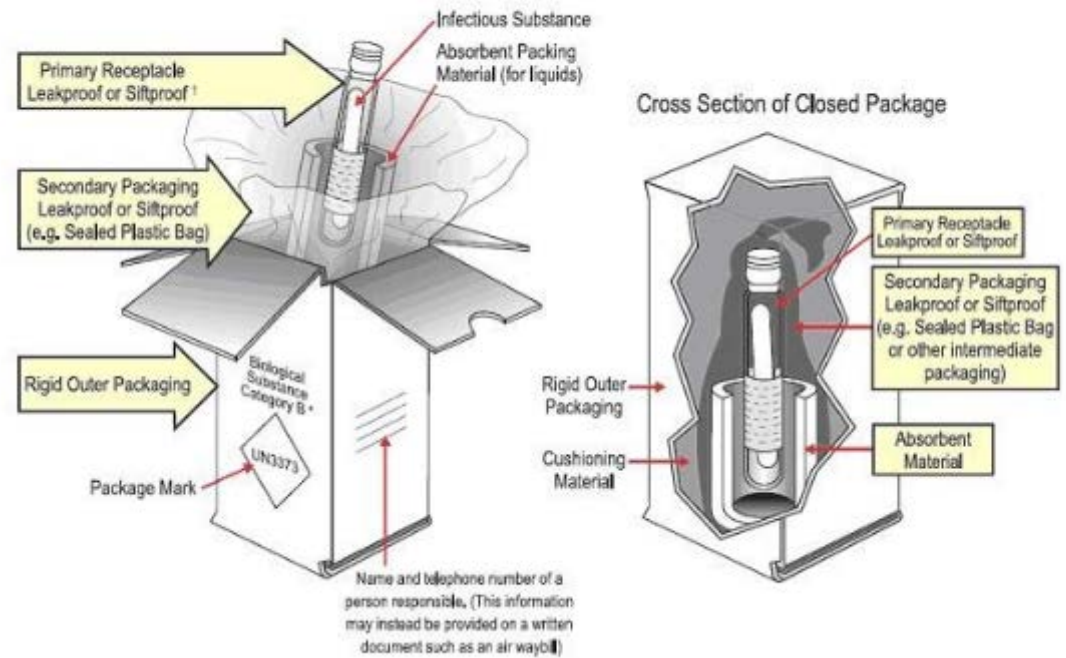
Accreditation and Medical Test License

Shipping Help

Category A packaging and labelling (IATA Packing Instruction 620)



Category B Packaging and Labelling (IATA Packing Instruction 650)



Pertinent Shipping Information

- All diagnostic specimens must be packaged triple packaged
- Please parafilm primary specimens whenever possible
- Dry Ice is considered hazardous material and must be labeled as such
- Include Requisition form



Classes Offered

- **Shipping Class –**

In depth training on shipping requirements for Category A & B, suspect select agents, and IATA/ DOT requirements.

- **Sentinel Lab Class and Wet Lab –**

Training for LRN sentinel labs including discussion of LRN Lab definitions, risk assessments, lab safety, and an overview of several agents of bioterrorism including a wet lab portion with in lab examples of biological and growth characteristics.

—

Thank You!

Jessica Gant,

Bioterrorism Lead

Email: jessica.gant@doh.wa.gov

Phone: 206-418-5575

Emily Nebergall,

Sentinel Lab Coordinator

Email: emily.nebergall@doh.wa.gov

Phone: 206-418-5543

Bioterrorism Team:

Brian Hiatt

Ryan Medeck

Madeline Dale

Marisa Egorov

Ph: (206) 418-5562

JohnAric Peterson

Hannah Groeneveld

Wesley La Rowe



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