

Packaging and Shipping Resources for Public Health Laboratories

Association of Public Health Laboratories

- 1) [Packaging and Shipping Evaluation Tool](#) (June 2021)
 - a. Provides a standardized resource for PHLs to assess the proper packaging and shipping of biological threat agent rule-out samples sent from clinical sentinel laboratories and may also be utilized for assessments of general Division 6.2 Category A and B shipments
- 2) [Clinical Laboratory Preparedness and Response Guide](#) (November 2016)
 - a. Includes extensive section on Packaging and Shipping (starts on page 188)
- 3) [Packaging and Shipping Toolkit](#)
 - a. Collection of instructional materials adapted from APHL packaging and shipping trainings, includes direct links to various tools and resources.
 - b. [Packing and Shipping Infectious Substances Training Requirements Job Aid](#)
 - c. [Packing and Shipping Guidance for Biological Substances, Category B Specimens](#)
- 4) [Clinical Specimen Handling and Tracking Learning Modules](#)
 - a. Module 1: Proper Specimen Labeling & Packaging for Clinical Diagnosis
- 5) [DOT Special Permit Category A Presentation](#) (2017)

Centers for Disease Control and Prevention

- 1) [CDC Fact Sheet: Specimen Storage and Shipping Guidance](#)
- 2) [Department of Transportation \(DOT\) Job Aid](#) – Shipping by Motor Vehicle Courier/Ground
- 3) [International Air Transport Association \(IATA\) Job Aid](#) – Shipping by Air
- 4) [Packing Category A and B and Exempt Human and Exempt Animal Specimens Job Aid](#)
- 5) [Labeling, Marking, and Documenting Requirements Job Aid](#)

Department of Transportation (DOT)

- 1) [Transporting Infectious Substances Overview | PHMSA \(dot.gov\)](#)
- 2) [Transporting Infectious Substances Safely | PHMSA \(dot.gov\)](#)

International Air Transport Association (IATA)

- 1) [Dangerous Goods Regulations 62nd edition, Web RGB composite \(iata.org\)](#) – Classification of Infectious Substances

American Society for Microbiology (ASM)

- 1) ["Packing and Shipping Infectious Substances" Sentinel Level Clinical Laboratory Guidelines for Suspected Agents of Bioterrorism and Emerging Infectious Diseases](#) (April 2021)

Code of Federal Regulations (CFR)

- 1) [eCFR :: 49 CFR Chapter I Subchapter C -- Hazardous Materials Regulations](#)
- 2) [eCFR :: 49 CFR 173.196 -- Category A infectious substances](#)

Packaging and Shipping Training Providers

APHL Saf-T-Pak Virtual Packaging and Shipping Seminars for Member Laboratories

- 1) Shipping Category A Infectious Substances and Related Materials
 - a. Free Virtual live webinar, 8 CEUs, 8 hours duration
- 2) Shipping Category B Biological Substance and Related Materials
 - a. Free Online course, 6 CEUs, 6 hours duration

Delivered by Saf-T-Pak and supported by APHL, virtual packaging and shipping seminars are now available to member laboratories. Participants in Saf-T-Pak's one-day virtual seminars receive the comprehensive Saf-T-Pak Training Reference Manual and take part in hands-on exercises to correctly pack, mark, label and document a shipment using actual UN-specification packaging. The Training meets the requirements outlined by IATA, ICAO and US DOT 49 CFR regulations. (For more information, contact Pam Moleta, Sr. Specialist, Training and Workforce Development, pamela.moleta@aphl.org)

Centers for Disease Control and Prevention

- 1) [Packing and Shipping Dangerous Goods: What the Laboratory Staff Must Know](#)
 - a. Free Online course, 2 CEUs, 2 hours duration

Eduwhere

- 1) [Shipping Infectious Substances \(IATA and DOT\)](#)
 - a. \$180, Online course, 6 contact hours

LabCE presented by MediaLab

- 1) [Packaging and Shipping Infectious Materials](#)
 - a. \$20, Online course, 2 contact hours

Citi Program

- 1) [Shipping and Transport of Regulated Biological Materials](#)
 - b. \$110, Organization price also available, Online course

Saf-T-Pak

- 1) [Various Modalities of Packaging and Shipping Training Offered](#) (Pricing varies)
- 2) [Shipping Infectious Substances and Related Materials, incl. Category A \(UN2900, UN2814, UN3373\) Online Training Course](#)
- 3) [Shipping Category B Biological Substance and Related Materials \(UN3373\) Online Training Course](#)

Dangerous Goods International

- 1) [Various Modalities of Packaging and Shipping Training Offered](#) (Pricing varies)