NEBRASKA PUBLIC HEALTH LABORATORY	Mycobacterium Supplemental Form
SHIPPING ADDRESSES:       PHONE: 402.559.2440     CATEGORY A       Toll Free: 866.290.1406     Client Services       FAX: 402.559.9497     Nebraska Public Health Laboratory       Galaxy     Output: Services       Nebraska Public Health Laboratory     Nebraska Public Health Laboratory       Gold South Sandbull Colspan="2">Output: Services       Nebraska Public Health Laboratory     South Sandbull Colspan="2">Nebraska Public Health Laboratory       Gold South Sandbull Colspan="2">Output: Services       Omaha, NE 68105     Omaha, NE 68106	(Completed NPHL Test Request Form <u>Required</u> )
PATIENT LAST NAME         FIRST NAME         MI	COLLECTION DATE / /
DOB GENDER PT. ID# / ADDITIONAL INFO	TIME AM/PM
This form needs completed and emailed or faxed to NPHL before shipm	aent
<ul> <li>nphl@unmc.edu</li> <li>402.559.7799</li> </ul>	
Test Requested:	
AFB Culture + Smear (includes susceptibility) - collect 1 specimen every 24 hours, for	3 consecutive days AFBCU +
AFB Identification	AFBIS +
M. tuberculosis Direct PCR (sputum sediment - refrigerate)	TBAPR +
M. tuberculosis Genotyping	TBGEN =
M. tuberculosis Direct Susceptibility Test at CDC (if NOT tested at NeMed)	TBDSEN =
MDDR @ CDC (RIF resistance detected on AccuProve) - order code verified with C	
	+ NPHL Client Services route to Clinical TB Lab (Micr = NPHL Client Services route to NPHL Li
Material Submitted:	
□ Specimen □ Processed Specimen □ Isolate (media) - specify: □ LA □ 7H1	11
	ner:
Source:	
<ul> <li>Sputum (collect 1 specimen every 24 hours, for 3 consecutive days)</li> <li>Other:</li> </ul>	
Patient/Case History:	
□ Follow-up	
If follow-up, this is the:	
2nd of 3 specimens collected	
Grd of 3 specimens collected Previous smear:	
If positive, discontinued collection for several weeks?	□ Yes □ No
If negative, treatment should be continued, but should Sens be repea	ated?  Yes No
Tests previously performed:	
Name of lab:	
Xpert	
Other (specify):	
First-Line DST performed by submitting lab? □ Yes □ No Location:	
Has Rifampin (RIF) resistance been detected previously by molecular testing?	
Detected     Indeterminate     Unknown     Net Detected	
□ Not Detected □ Not Tested	
Internal Use Only:	
Patient Info         TB Genotyping         TB Susce           Patient MRN #:         TBGen Acc #:         TBDSEN/A	pptibility         Molecular MDDR           AFBCU Acc #:         TBPSQ#:
	: Date Sent:
Date Sent:	



# Packaging and Shipping to Nebraska Public Health Laboratory Category A Infectious Substances, Affective Humans UN2814 Category B Biological Substances, UN3373

### **Specimen Handling:**

- Practice universal blood and body fluid precautions when handling specimens, including appropriate PPE for specimen being collected. Advanced PPE including face shield or goggles must be worn for more communicable pathogens such as Influenzae, Measles/Mumps or Viral Hemorrhagic Fever pathogens (page NPHL before collection of VHF - 402.888.5588).
- Specimens must be collected in or transferred to leak-proof primary containers. The container must have at least two patient identifiers (first and last name and DOB) and be placed into a secondary sealed biohazard bag to prevent contamination. The biohazard bag should be equipped with an absorbent material, large enough to absorb the entire contents if spilled.
- Appropriate NPHL Test Request Form and Supplemental Forms must be completed in entirety and placed in the pocket of the biohazard bag (Category B) or outside of the secondary container (Category A) do NOT place inside the bag with the specimen.
- The shipper must determine if specimens are shipped as exempt, Category B or Category A (must be trained in the classification process).
  All organism isolates or specimens must be triple packaged (outer container can be a courier bag or other rigid box).
- Contact client services at 866.290.1406 or 402.559.2440, or page NPHL at 402.888.5588 for additional shipping material or instructions.

## Shipping Certification:

- To ensure the safety of laboratory personnel and the public, proper handling of specimens and propagated organisms is mandatory. The shipper is legally responsible to comply with the rules and guidelines for transport of Division 6.2 infectious substances, which is regulated as a hazardous material under the U.S. Department of Transportation's (DOT) Hazardous Materials Regulations (HMR; 49 CFR Parts 171-178).
- Purpose of adherence to these regulations and requirements is to minimize the potential for damage to the contents of the package during transport and to reduce the exposure of the shipper to the risks of criminal and civil liability associated with the improper shipment of dangerous goods. Specimens and organism isolates will be rejected if submitted improperly.
- Persons who pack and ship Category A infectious substances of >5 kg Dry ice must receive the aforementioned training for all functions involved in packing and shipping more hazardous Category A substances, and be certified to do so.

#### **Transport Instructions:**

• After classifying type of shipment, the shipper must follow the appropriate packing instructions, provided by Nebraska Public Health.

#### **Courier Services:**

- UN2814 Category A Infectious Substance MUST be packaged in a Category A box provided by NPHL, no exceptions. Omaha and Lincoln
  surrounding areas can be transported to NPHL by an exclusive ground courier, as they are specifically trained and licensed to transport
  Category A. Call Client Services and ask specifically for a "Category A" pickup. Greater Nebraska laboratories must first notify NPHL
  of incoming Category A samples and ship all Category A Infectious Substances via FedEx, to include FedEx Airway Bill and Shippers
  Declaration. NPHL can provide pre-paid airway bills by contacting 402.559.9444. Detailed procedure can be found on <u>NPHL.org</u>.
- UN3373 Category B specimens can be transported by all exclusive and non-exclusive ground couriers, but MUST be packaged in a
  specifically labeled Category B box. Detailed procedure can be found on <u>NPHL.org</u>. Special exemptions exist for the Omaha, Lincoln
  and surrounding areas if transported by ProMed or Lab Logistics in which specimens can be sealed in a biohazard bag (with absorbent
  material) and placed directly in courier cooler/satchel for ground transport.
- Specimens that are NOT considered Category B, but exempt or not regulated by DOT, can also be transported in a sealed biohazard bag (with absobent material) and placed directly in courier cooler/satchel for ground transport. This includes the following exemptions:
  - Substances which do not contain infectious substances or substances which are unlikely to cause disease in humans or animals are not subject to these Regulations unless they meet the criteria for inclusion in another class.
  - Substances containing microorganisms which are non-pathogenic to humans or animals are not subject to these Regulations unless they meet the criteria for inclusion in another class.
  - Substances in a form that any present pathogens have been neutralized or inactivated such that they no longer pose a health risk are not subject to these Regulations unless they meet the criteria for inclusion in another class. Examples:
    - Blood and urine test ordered for routine medical exams to monitor levels of cholesterol, glucose, hormones
    - Tests to monitor organ function such as liver, kidney, heart
    - Tests ordered for determining presence of alcohol or drugs
    - DNA & RNA tests
    - Pregnancy tests
    - Samples for testing other than for the presence of pathogens, including biopsies for cancer and antibody titers

#### Packages going by FedEx\* or NPHL Ground, ship to address:

Client Services Nebraska Public Health Laboratory 4400 Emile Street MSB 3500 Omaha, NE 68105 Phone: 866.290.1406

#### \*Courier must be specifically trained and licensed to transport Category A. Do not use routine NPHL courier.

To inquire about scheduled stops and after hours ground courier service, call client services Toll Free 866.290.1406 or 402.559.2440. NPHL client services hours: M-F 24/7; Saturday, Sunday 7am-3pm. After hours on call pager 402.888.2086.