

Environmental Isolate Testing

Environmental isolates can be sent to the SHL-LRC by enrolled laboratories without prior approval. Although not required, advance notice of shipment to the SHL-LRC would be appreciated:

SHL-LRC@iowa.uiowa.edu

Subject "Environmental isolate shipment"

Text: Indicate number of isolates sent and submitting institution name

Environmental Isolate Test Request Form

The LRC Environmental Isolate Test Request Form will be sent to submitters as part of their onboarding documents. This electronic form is fillable (blue boxes). Please complete one form electronically with the proper information for each isolate, print and ship with isolates.

Collection Instructions

All isolates should be labelled with a unique identifier. It can be the submitting laboratory's accession number or a simple number such as Sample 1, Sample 2, etc. The unique identifier should be entered on the Environmental Isolate Test Request Form under "Client Reference #".

Table 2. Acceptable Environmental Isolate Types

Sample Type ¹	Sample Source	Minimum Sample Volume	Sample Storage	Shipping Requirements
Environmental <i>Legionella</i> Isolates	BCYE slant (preferred) or culture plate from a single colony.	N/A	2-8°C for up to 4 days or frozen (≤ -20°C) in calf serum up to 40 days	Ship overnight at ambient temperature or with frozen ice packs. If frozen in calf serum, send on dry ice

¹Unacceptable isolate types include broken plates or tubes.

Shipping conditions:

Shipping costs are the responsibility of the submitting laboratory and it is the sender's responsibility to minimize risk of shipping infectious substances through proper packaging and compliance with regulations.

- Wrap specimen container in absorbent material and place inside a biohazard bag.
- If sending isolate plate, tape the plate to keep it closed.
- Ship overnight (avoid Fridays, weekends, and holidays) to:

State Hygienic Laboratory at the University of Iowa
 U of I Research Park
 2490 Crosspark Road,
 Coralville, IA 52241-4721
 Phone: 319-335-4500