

2009-H1N1 Influenza A Shipping Solutions



As of July 16, 2009, the World Health Organization, CDC and DOT have determined the following:

"Pandemic 2009-H1N1 virus cultures (i.e. virus isolates) MUST be shipped as INFECTIOUS SUBSTANCE, AFFECTING HUMANS, CATEGORY A (UN 2814)"

"Specimens collected DIRECTLY from humans or animals that are suspected or confirmed to be infected with the 2990-H1N1 virus, including swabs and blood specimens, should be shipped as BIOLOGICAL SUBSTANCE, CATEGORY B (UN 3373)"

[See other side for specific guidance and information]

Check Out Our Complete Line of Specimen Shippers to Help Insure Compliance and Package Integrity

For Category A and B Specimens



INFECON® 2000

½ Liter Vessel - Up To 6 Standard Tubes
Cat. No. INF-2000

For Category A and B Specimens



INFECON® 5000

Dry Ice or Gel Pack Shipper
½ Liter Vessel - 60 Hrs With 5.6 lbs. Dry Ice
Cat. No. INF-5000

For Category A and B Specimens



INFECON® 3000

1 Liter Vessel - Up To 20 Standard Tubes
Cat. No. INF-3000

For Category A and B Specimens



INFECON® 5500

Dry Ice or Gel Pack Shipper
1 Liter Vessel - 100 Hrs. With 16 lbs. Dry Ice
Cat. No. INF-5500

*For Category A Specimens
(When used with INF-2000 or INF-3000)
or All Category B Specimens*



INFECON® 6000

Overpack Cooler & Labels Only
76 Hours With 22 lbs. Dry Ice
Cat. No. INF-6000

For Category B Specimens Only



INFECON® DIAGNOSTIC MAILER

6 Compartment Bubble Pouch
9" x 12" Liquid-Tight Infecon Bag
250 mil Absorbent
Cat. No. DIA-1000

Order More -SAVE MORE!
September - October SPECIAL

10% Off!

All Bitran® Series-S and Formalin Specimen Bags on New Orders of 10 Cases or More For Delivery During September and October!



BITRAN® SERIES-S LEAKPROOF SPECIMEN BAGS

Leakproof AND Odorproof
3 Mil Saranex Material
For Long-Term Specimen Storage

Cat No. 4740-S	2" x 4"
Cat No. 4741-S	3" x 6"
Cat No. 4742-S	6" x 6"
Cat No. 4743-S	7" x 8"
Cat No. 4744-S	9" x 12"
Cat No. 4745-S	12" x 12"
Cat No. 4746-S	16" x 16"
Cat No. 4747-S	24" x 24"

Sequential Barcoding Available on All Specimen Bags for Positive Tracking of Specimens & Patient Documents



BITRAN® FORMALIN LEAKPROOF SPECIMEN BAGS

Leakproof AND Odorproof
3 Mil Saranex Material
Printed With Formalin Warning & Biohazard Logo

Cat No. 6741-S	3" x 6"
Cat No. 6743-S	7" x 8"
Cat No. 6744-S	9" x 12"
Cat No. 6745-S	12" x 12"

- Items Designated "For Category A and B Specimens" are UN 6.2 Certified, Meet 49 CFR D.O.T.
- Regulations for Air & Ground Shipments, and Meet ICAO/IATA Packing Instructions 602 and 650.
- Items Designated "For Category B Specimens Only" Meet ICAO/IATA Packing Instruction 650.
- Items Include All Accessories, Absorbents, Labels and Shipping Declarations.
- Components Such As Boxes, Vessels, Labels and Absorbents May Be Purchased Separately for Refurbishment and Reuse.

For Daily Updates & Specials follow me on...

twitter
www.twitter.com/polyguru



When a clinical specimen for H1N1 influenza, such as viral transport medium (VTM) inoculated with a patient sample, is transported it is considered a Category B infectious substance, carries the proper shipping name "Biological Substance, Category B" and is assigned UN 3373. A virus culture (i.e. virus isolate) is a Category A infectious substance, carries the proper shipping name "Infectious Substance, Affecting Humans" and is assigned UN 2814.

The packaging requirements for these substances vary slightly, depending on whether the specimen will be transported by courier, the US Postal Service, or a commercial carrier such as FedEx. But all transport methods, including courier, do have some minimum requirements according to state, federal and international shipping regulations. You and your employer can be subject to fines and penalties if these regulations are not properly followed.

At a minimum for Category B substances, all transport methods generally require "triple" packaging and documentation as follows:

1. **Leak-tight** primary specimen container (the sample tube, such as an inoculated VTM tube) properly labeled.
2. Material that is sufficient to **absorb all liquid** (VTM tubes contain 2-3 ml).
3. **Leakproof secondary packaging** to contain the specimen, absorbent, and any liquid in the event of specimen leakage.
4. **Rigid outer packaging.**
5. All required **labeling** including those required for dry ice, if applicable.
5. **Complete paperwork**, exactly matching information on the specimen.

For category A substances, the minimum requirements are similar, except the entire package must be UN certified to applicable performance standards and exhibit the UN specification marking (which is different from the UN number referenced above).

The following links will prove helpful in properly classifying and packaging your H1N1 Influenza specimens, whether they are swabs, blood specimens or cultures.

Centers for Disease Control (CDC) guidelines for submission of H1N1 specimens:

<http://www.cdc.gov/h1n1flu/tissuesubmission.htm#>

CDC BMBL Appendix C Transport of Biological Agents showing diagrams of infectious and clinical specimen packages:

<http://www.cdc.gov/od/ohs/biosfty/bmbl4/b4ac.htm>

[Infectious Shipper Diagram](#)

[Clinical Specimen Diagram](#)

World Health Organization instructions for shipping and classification of H1N1 specimens:

<http://www.who.int/csr/resources/publications/swineflu/Shipmoutbreakinstructions.pdf>

U.S. Dept. of Transportation interpretation for classifying H1N1 specimens for shipment:

<http://docs.google.com/fileview?id=0B3JA5kLiKqJHZTQ1ZGJkZDgtMWVhMi00MjkwLWEzMjQtZDkwZmUwNTczM2E0&hl=en>

Check-Out Our Other Specimen Transport and Storage Products...



BITRAN® LEAKPROOF SPECIMEN BAGS

3 Mil PE with No Printing
Leakproof Resealable Zipper
Cat. No. Based on Size



INFECON® LEAKPROOF SPECIMEN BAGS

3 Mil PE with Document Pouch
Leakproof Resealable Zipper
Biohazard Logo
Cat. No. Based on Size



INSPEX® TAMPER-EVIDENT ADHESIVE SPECIMEN BAGS

3 Mil PE with Biohazard Logo
Cat. No. 8021-XP 6.5" x 10"
Cat. No. 8022-XP 6.5" x 12"



6-COMPARTMENT ZIPPER BAGS

3 Mil PE with Resealable Zipper
Available with Bubble Material
Cat. No. 6100-ST



SAF-T-ZIP® SPECIMEN BAGS

6" X 9" 2.8 Mil PE Secondary Bag
Document Pouch, Resealable Zipper & Biohazard Logo
Cat. No. Based on Zipper Color



INSPEX® 95 kPa SPECIMEN BAG

6" X 9" Super-Tough Material
Tamper-Evident Adhesive Closure
Cat. No. XP-95-0609

- ✓ Custom sizes and up to 6-color printing available
- ✓ Sequential barcoding available on all of our specimen bags
- ✓ Hundreds of additional specimen shipping and storage products available
- ✓ All of our products are manufactured in Carbondale, Illinois USA