

# Radiological Agents: CDC Specimen Collection Protocol for a Radiological Incident

See “Radiological Agents: CDC Shipping Instructions for Specimens Collected from People with Potential Contamination to Radiological Materials” for detailed information. <http://emergency.cdc.gov/labissues/index.asp>

Collect 40 to 60 mL of urine for each person in a screw-cap urine cup. Use the following steps below.



**1.** Wash hands with soap and water.



**2.** Collect 40 to 60 mL of urine in a screw-cap urine cup.



**3.** Deliver specimen to clinic personnel.



**4.** Label the urine cup with the appropriate bar-coded label, indicating the method of collection if other than “clean catch.”



**5.** Place bar-coded label on all cups so that when upright, the barcode looks like a ladder.



**6.** Freeze samples (optimally at -70° C or use dry ice).

**Questions concerning this process should be directed to:**

CDC Sample Logistics Laboratory  
Inorganic and Radion Analytical Toxicology Branch  
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Environmental Health  
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**U.S. Department of  
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