

Bioassay Sample Collection & Shipping Instructions

GEL Laboratories, LLC (GEL) provides comprehensive bioassay testing services around the world with ISO 17025 accreditation and an active CLIA permit for handling medical samples. This document provides general instructions for collecting, sealing, packaging, and shipping urine and fecal bioassay samples to the laboratory.

Kit Contents

Depending on the requested testing, your kit may include:

- Urine collection container(s)
- Fecal specimen container with lid
- Commode specimen collection system (toilet seat collection device)
- Chain of Custody
- Sample label
- Custody seal(s)
- Return Shipping materials
- "EXEMPT HUMAN SPECIMEN" label

Urine Sample Collection Instructions

Option A – 24-Hour Urine Sample

1. Collect all urine voided after that time for up to 24 hours in the provided container(s).
2. Record the time of the first void as the collection start date and time.
3. On the second day, collect urine up to the same time recorded on Day 1.
4. Record the stop date/time on the sample label.
5. Ensure the container lid is tightly closed and apply the provided custody seal

Option B – Single Urine Void

1. Collect urine from a single void. A minimum of 25ml should be provided. Do not overfill the container.
2. Record the appropriate date/time of the collection on the sample label.
3. Ensure the lid is tightly closed.
4. If required by your site instructions, place electrical tape around the lid.
5. Apply the provided custody seal

Urine Sample Storage & Shipping

- Urine samples do not require refrigeration during collection or shipment.
- Keep the container upright and tightly sealed.

Fecal Sample Collection Instructions

1. Place the commode specimen collection system under the toilet seat, centered toward the rear of the bowl.
2. Lower the toilet seat to hold the collection system securely in place.
3. Collect stool only. Do not allow urine to mix with the fecal sample.
4. Snap the lid onto the fecal container tightly after collection.
5. Remove and discard the collection bracket.
6. Record the appropriate date/time of the collection on the sample label.
7. Apply custody seal if provided.

Fecal Sample Storage & Shipping

- Fecal samples should be frozen prior to shipment whenever possible.
- Ship fecal samples with ice packs to maintain temperature during transit.
- Keep the sample container upright and sealed.

Packaging & Shipping Instructions

1. Confirm all containers are properly sealed and labeled.
2. Confirm the custody seal is completed and applied.
3. Place sample containers in an overpack bag. That can be a single sample in a Ziplock bag or by using a larger bag to line the shipping container.
4. Place the packaged sample(s) into the shipping container.
5. Ensure the chain of custody (COC) has been completed including the sample collection information and is signed in the relinquished section. Place the COC in a Ziplock bag and include inside the shipping container.
6. Tape around the shipping container/cooler several times to prevent from opening.
7. Affix the "EXEMPT HUMAN SPECIMEN" label and the shipping label to the outside of the package.
8. Fecal shipments should be returned by express carrier as soon as possible. Urine samples may be returned via ground or express. Turnaround time begins based on the receipt date at the laboratory.

Ship To

GEL Laboratories, LLC

Attn: Bioassay Sample Receiving
2040 Savage Road
Charleston, SC 29407
Phone: 843-556-8171

Important Notes

- Follow any additional project-specific or site-specific instructions provided by your Radiation Safety Officer (RSO), project manager, or GEL.
- If you have questions before shipping, please contact GEL Laboratories before sending the sample.