

Checklist (Prior to Shipping)

Includes Blood & Urine Specimens

1. Tubes

- Patient's first and last name, date of birth, gender and date of collection are written on all tubes and vials
- All the tubes and vials are capped tightly

2. Frozen

- Clear cap plastic vial (urine)
- Lavender top clear transfer tube
- 3 ice packets

3. Refrigerate

- Red top amber transfer tube

5. Test Requisition Form with Payment

- Test Requisition Form is complete
- Personal Health Assessment Form is complete
- Payment is included



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TRIADSM Profile - Clinician

Blood Specimen Collection Instructions

This specimen collection kit can be used for the following test(s):

0400 TRIAD Profile - Blood/Urine

0088 Neopterin/Biopterin Profile - Urine

Please Note: The TRIAD Profile requires the patient to collect urine at home. This should be done prior to the blood collection. **All specimens, urine and blood, must be shipped together.** Patient must be fasting for blood draw. (Blood collection instructions are explained in the TRIAD Profile - Clinician Specimen Collection Instructions.)

IMPORTANT:

All patient specimens require two unique identifiers *patient's name and date of birth*, as well as *date of collection*. **Patient's first and last name, date of birth, gender, and date of collection** must be recorded on the **Test Requisition Form** as well as on all tube(s) and/or vial(s), using a permanent marker, or the test may not be processed.

Specimen

Serum, 3 ml, refrigerated

Plasma, 2.5-3 ml, frozen

Overnight Urine, 12 ml, frozen

Collection Materials

- Clean collection container
(NOT included in this kit)
- Clear cap plastic vial
with thymol preservative
- Disposable pipettes

Shipping Materials

- Plastic shell tube tray
- Absorbent pad
- 3 ice packets
- Test Requisition Form
- Personal Health Assessment Form
- Biohazard bag with side pocket
- Specimen collection kit box

Please read all instructions carefully before you begin.

Patient Preparation

- It is best to **ship the specimen within 48 hours of collection**. Please refer to the enclosed shipping instructions before you collect to determine the days that the specimen can be shipped.
- Please check to make sure the patient has fasted prior to drawing blood.
- The use of immunosuppressive drugs, like cortisone, can give false negative test results. The use of such drugs should be discontinued for 60 days before testing to allow antibody reactions to be seen.

Blood Collection

1. **Write** patient's **first and last name, date of birth, gender, and date of collection** on the Test Requisition Form (located in the pouch on top of the Specimen Collection Kit Box), as well as on all tube(s) and/or vial(s), using a permanent marker.
 - **IMPORTANT:** To ensure accurate test results you **must** provide the requested information.
2. **Freeze** the ice packets.
3. **Red/gray top serum separator tubes and red top amber transfer tube**
 - **Draw** the red/gray top serum separator tube.
 - **Place** upright in a rack at room temperature for 20 to 30 minutes to clot blood.
 - **Centrifuge** the red/gray top serum separator tubes for 15 minutes. The serum must be free of hemolysis or red blood cells.
 - **Pipette** 3 ml serum, using a fresh disposable pipette, from the red/gray top serum separator tube into the red top amber transfer tube. **Cap** tightly.
 - **Refrigerate** the red top amber transfer tube.
4. **Lavender top EDTA tube and lavender top clear transfer tube**
 - **Draw** the lavender top EDTA tube completely.
 - **Invert** the lavender top EDTA tube 10 times to mix the EDTA with the blood.
 - **Centrifuge** immediately for 15 minutes. The plasma must be free of hemolysis or red blood cells.
 - **Remove** the lavender top EDTA tube after centrifuging; **DO NOT INVERT TUBE**.
 - **Pipette** plasma, using a fresh disposable pipette, 2.5-3 ml into the lavender top clear transfer tube.
 - **Freeze** the lavender top transfer tube.
 - **Freeze** the lavender top clear transfer tube.

Specimen Preparation

5. **Place** the frozen transfer tube, refrigerated red top amber transfer tube, and frozen urine collection into the slots or the ends of the plastic shell tube tray (an exact fit is not necessary). **Place** absorbent pad over tubes. **Place** frozen ice packets at each end of tubes in tray. **Snap** the tray closed.
6. **Place** the tray into the biohazard bag.
7. **Staple** payment to the bottom right-hand corner of the completed Test Requisition Form and **complete** the Personal Health Assessment Form; **Fold and Place** them in the side pocket of the biohazard bag.
8. **Seal** the biohazard bag; **Place** it into the specimen collection kit box and close the box.