

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. (Urine collection instructions are explained in the Triad Profile - Patient Specimen Collection Instructions.)

PLEASE NOTE:

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, and date of collection must be recorded on the Test Requisition Form as well as 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

- Red/gray top serum separator tube
- Lavender top EDTA tube
- Red top clear transfer tube
- Lavender top clear transfer tube
- 2 Disposable pipettes

SHIPPING MATERIALS

- Plastic shell tube tray
- Orange absorbent pad
- 3 Ice packets
- Test Requisition Form
- Biohazard bag with side pocket
- Specimen collection kit box

**See shipping instructions for specific details on how to ship your specimen*



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Please read all instructions carefully before beginning.

PATIENT PREPARATION

- 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. Discontinue the use of such drugs 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, and date of collection on the Test Requisition Form, as well as all tube(s) and/or vial(s), using a permanent marker.
2. **FREEZE** the ice packets.
3. **Red/gray top serum separator tube and red top clear 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 tube for 15 minutes to avoid hemolysis. 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 clear transfer tube. Cap tightly.
 - **REFRIGERATE** the red top clear 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. Plasma must be free of hemolysis or red blood cells.
 - **REMOVE** the lavender top EDTA tube after centrifuging; **DO NOT INVERT TUBE.**
 - **PIPETTE** 2.5-3 ml plasma, using a fresh disposable pipette, into the lavender top clear transfer tube.
 - **FREEZE** the lavender top clear transfer tube

SPECIMEN PREPARATION

1. **PLACE** the frozen transfer tube, refrigerated red top clear transfer tube, and the frozen urine specimen into the slots or the ends of the plastic shell tube tray. (An exact fit is not necessary.) Place orange absorbent pad over tubes, orange side up. Place frozen ice packets at each end of tubes in tray. Snap the tray closed.
2. **PLACE** the tray into the biohazard bag.
3. **STAPLE** payment to the bottom right-hand corner of the completed Test Requisition Form. **FOLD** and **PLACE** them in the side pocket of the biohazard bag.
4. **SEAL** the biohazard bag; place it into the specimen collection kit box and close the box.

CHECKLIST (PRIOR TO SHIPPING)

INCLUDES BLOOD & URINE SPECIMENS

1. **TUBES**
 - Patient's first and last name, date of birth, and date of collection are written on all tubes and vials
 - All tubes and vials are capped tightly
2. **FROZEN**
 - Clear cap plastic vial (urine)
 - Lavender top clear transfer tube
 - 3 Ice packets
3. **REFRIGERATED**
 - Red top clear transfer tube
4. **TEST REQUISITION FORM WITH PAYMENT**
 - Test Requisition Form is complete
 - Payment is included