

## Eculizumab Monitoring Panel, Serum

Test ID: ECMP

**Explanation:** Collection container acceptability will be updated to include serum gel. Specimen minimum volume will also be updated and include specifics of volumes for each tube/test.

### Current Specimen Required

#### Patient Preparation:

1. Fasting: 8 hours, preferred but not required
2. Suggest discontinuing natalizumab at least 4 weeks prior to testing for eculizumab quantitation in serum. Patient should consult the healthcare provider who prescribed this drug to determine if discontinuation is an option. If not, ok to proceed with testing while taking natalizumab.

**Supplies:** Sarstedt Aliquot Tube, 5 mL (T914)

**Collection Container/Tube:** Red top (serum gel/SST are not acceptable)

**Submission Container/Tube:** 2 Plastic vials

**Specimen Volume:** 2 mL Serum in 2 plastic vials, each vial containing 1 mL

#### Collection Instructions:

1. Draw blood immediately before next scheduled dose.
2. Immediately after specimen collection, place the tube on wet ice.
3. After specimen has clotted on wet ice, centrifuge at 4 degrees C and aliquot serum into two 5 mL plastic vials.
4. Freeze serum within 30 minutes of centrifugation. Serum must be placed on dry ice if not frozen immediately.

**NOTE:** If a refrigerated centrifuge is not available, it is acceptable to use a room temperature centrifuge, provided the sample is kept on ice before centrifugation, and immediately afterward, the serum is aliquoted and frozen.

### New Specimen Required

#### Patient Preparation:

1. Fasting: 8 hours, preferred but not required
2. Suggest discontinuing natalizumab at least 4 weeks prior to testing for eculizumab quantitation in serum. Patient should consult the healthcare provider who prescribed this drug to determine if discontinuation is an option. If not, ok to proceed with testing while taking natalizumab.

**Supplies:** Sarstedt Aliquot Tube, 5 mL (T914)

**Collection Container/Tube:**

**Preferred:** Red top

**Acceptable:** Serum gel

**Submission Container/Tube:** 2 Plastic vials

**Specimen Volume:** 2 mL Serum in 2 plastic vials, each vial containing 1 mL

#### Collection Instructions:

1. Draw blood immediately before next scheduled dose.
2. Immediately after specimen collection, place the tube on wet ice and allow specimen to clot.
3. Centrifuge at 4 degrees C and aliquot serum into two 5 mL plastic vials.
4. Freeze serum within 30 minutes of centrifugation. Serum must be placed on dry ice if not frozen immediately.

**NOTE:** If a refrigerated centrifuge is not available, it is acceptable to use a room temperature centrifuge, provided the sample is kept on ice before centrifugation, and immediately afterward, the serum is aliquoted and frozen.

### Current Specimen Minimum Volume

**Serum:** 1 mL total in 2 plastic vials, each vial containing 0.5 mL

### New Specimen Minimum Volume

**Serum:** 1.25 mL total in 2 plastic vials, 0.5 mL for ECULI and 0.75 mL for EAH50

## Questions

Contact Melissa Derksen, Laboratory Resource Coordinator at 800-533-1710.