
Lab Dept: Anatomic Pathology

Test Name: ELECTRON MICROSCOPY, WHOLE BLOOD

General Information

Lab Order Codes: EMWB

Synonyms: EM, blood

CPT Codes: 88348 – Electron microscopy, diagnostic

Test Includes: Electron microscopy/ultrastructural examinations

Logistics

Test Indications: Useful for ultrastructural examinations.

Lab Testing Section: Anatomic Pathology - Sendouts

Referred to: Hennepin County Medical Center
Neuromuscular/EM Laboratory (612) 347-2175

Phone Numbers: MIN Lab: 612-813-6280
STP Lab: 651-220-6550

Test Availability: Monday – Friday (Must be drawn before 11 am on day of collection)

Turnaround Time: Varies

Special Instructions: Patient insurance and demographic data must be included with the [request form](#) and specimen sent to the reference laboratory. Also MUST provide clinical history and diagnosis.

Specimen

Specimen Type: Whole blood

Container: Lavender top tube (EDTA)

Draw Volume: 5 mL (Minimum: 2 mL) blood

Processed Volume: Same as Draw Volume

Collection: Routine venipuncture. Anticoagulant to blood ratio is important. If you use a 10 mL EDTA tube, fill with 10 mL for proper dilution. Under filling of tube will cause cancellation of test.

Special Processing: Lab Staff: **Do Not** process. Submit specimen in its original container. Maintain specimen at room temperature. **Must contact** the reference lab before sending the specimen. Specimens must be at HCMC before noon.

Patient Preparation: None

Sample Rejection: See special instructions

Interpretive

Reference Range: Interpretive report

Methodology: Electron microscopic evaluation

References: [Hennepin County Medical Center Web Page](#) June 2017

Updates: 6/1/2017: Update on collection time before 11 am.