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**Lab Dept:** Anatomic Pathology

**Test Name:** ELECTRON MICROSCOPY, WHOLE BLOOD

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***General Information***

**Lab Order Codes:** EMWB

**Synonyms:** EM, blood

**CPT Codes:** 88348 – Electron microscopy, diagnostic

**Test Includes:** Electron microscopy/ultrastructural examinations

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***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.

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***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

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### ***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.