



**MAYO**  
Mayo Medical Laboratories  
1-800-533-1710

**NEW TEST ANNOUNCEMENT**  
**NOTIFICATION DATE:** September 23, 2013  
**EFFECTIVE DATE:** October 24, 2013

**IDURONATE-2-SULFATASE, WHOLE BLOOD**  
**Test ID: I2SW**

**USEFUL FOR:** Diagnosis of mucopolysaccharidosis II (MPS II, Hunter syndrome) using whole blood specimens

**METHODOLOGY:** Fluorometric Enzyme Assay

**REFERENCE VALUES:** > or =1.5 nmol/h/mL

**SPECIMEN REQUIREMENTS:**

**Collection Container/Tube:**

**Preferred:** Lavender top (EDTA)

**Acceptable:** Yellow top (ACD)

**Specimen Volume:** 2 mL

**Additional Information:** Provide a reason for referral with each specimen.

**Forms: New York Clients-Informed consent is required.** Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.

**SPECIMEN STABILITY INFORMATION:**

Specimen Type	Temperature	Time
Whole Blood	Ambient (preferred)	7 days
	Refrigerate	7 days

**CAUTIONS:** This test cannot reliably determine carrier status for mucopolysaccharidosis II.

**CPT CODE:** 82657

**DAY(S) SET UP:** Wednesday

**ANALYTIC TIME:** 8 days

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or  
David O'Brien, MML Laboratory Technologist Resource Coordinator  
Telephone: 800-533-1710