




Patient ID <b>SA00060933</b>	Patient Name <b>SAMPLEREP, I2SW A</b>	Birth Date <b>1976-07-10</b>	Gender <b>F</b>	Age <b>37</b>
Order Number <b>SA00060933</b>	Client Order Number <b>SA00060933</b>	Ordering Physician <b>Client, Client</b>	Report Notes	
Account Information <b>C7028846 DLMP Rochester</b>		Collected <b>20 Aug 2013 17:00</b>		

## Iduronate-2-sulfatase, B

### Iduronate-2-sulfatase, B

 **<1.5 nmol/h/mL**

**Low**

**MCR**  
**Reference Value**  
**≥1.5**

### Reviewed By

Marie Quade

**MCR**

### Interpretation (I2SW)

In this specimen, the activity of iduronate-2-sulfatase is reduced. This result indicates that this individual is affected with Mucopolysaccharidosis type II (Hunter syndrome; OMIM

**MCR**

309900), an X-linked condition. If clinically indicated, consider further confirmation by molecular genetic analysis of the IDS gene. Please note that this enzyme's activity can also be reduced in Multiple Sulfatase Deficiency (MSD; OMIM 272200). If clinically indicated, consider biochemical genetic testing of other sulfatases or molecular genetic testing of the SUMF1 gene to exclude MSD. Please contact the Biochemical Genetics consultant or genetic counselor on call (1-800-533-1710) if you have any questions.

#### ADDITIONAL INFORMATION

Fluorometric Enzyme Assay

**Received:** 21 Aug 2013 16:52

**Reported:** 21 Aug 2013 16:55

### Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905