Rapid turnaround of biochemical testing for S-sulfocysteine (SSC) is critical for early identification of MoCD. The labs profiled in this brochure have the ability to test for SSC quickly. You can find instructions and guidance on using your testing lab of choice, including access to requisition forms and requirements for collecting, shipping, and handling specimens.*

You can also reach out to each lab directly if you need more information.

**Labs that offer expedited SSC testing:**

- Duke University
- Mayo Clinic

*The ultimate choice of lab is solely between the patient and the treating physician.*
Ordering an S-sulfocysteine (SSC) biochemical test from Duke University

1. Complete the Duke Health Biochemical Genetics Laboratory Testing Form, selecting specific diagnosis:
   - Contact the lab directly to obtain a testing form
   - ICD-10 code is required on Page 1:
     - E72.19 Other disorders of sulfur-bearing amino-acid metabolism
   - Under Tests Requested on Page 2:
     - Select “S-Sulfocysteine” under Urine

2. Collect and confirm sample requirements:
   - Specimen type: Urine
   - Required amount: 1.0 mL
   - Minimum sample volume: 0.25 mL
   - Special notes
     Collect URINE IN STERILE CUP. Label each specimen clearly with patient’s name and date of birth.
     For local sites:
     Store samples at 4°C as soon as possible after collection.
     For outside hospitals:
     Store samples at -20°C as soon as possible after collection.

3. Ship the sample:
   - Local sites: Transport on icepack at 4°C
   - Outside hospitals: Transport frozen using dry ice
   - Select expedited/overnight shipping method and provide lab with tracking information. Ship sample to:
     Biochemical Genetics Laboratory
     Duke University Hospital
     801 Capitola Drive, Suite 6
     Durham, NC 27713
   *Do not use U.S. Postal Express as samples may take 3-4 days to arrive and will be unusable.

Turnaround time
Standard turnaround time is 15 days. If the sample for SSC testing is urgent for supporting diagnosis of suspected sulfite intoxication, please contact the lab directly at 919-549-0445 for 48-hour turnaround time.

State licenses: California, Maryland, Pennsylvania
CPT codes: 82131, 82570

Duke Health Biochemical Genetics Laboratory is accredited by the CAP Accreditation Program and individual state’s Clinical Laboratory Certification Program.
Ordering an S-sulfocysteine (SSC) biochemical test from Mayo Clinic

1. Complete the Mayo Clinic Biochemical Testing Requisition Form, selecting specific diagnosis:
   • Contact the lab directly to obtain a testing form
   • ICD-10 code diagnosis code:
     - E72.19 Other disorders of sulfur-bearing amino-acid metabolism
   • Write in a request for the SSC urine panel under “Additional Tests”:
     - Test Code: SSCTU
     - S-Sulfocysteine Panel, U

2. Collect and confirm sample requirements:
   Specimen type: Urine
   Required amount: 3 mL
   Minimum amount: 2 mL
   Special notes
   Collect a random urine specimen. Store frozen. Patient’s age is required.

3. Ship the sample:
   Ship frozen with dry ice on bottom and top of sample. Ship to:
   Mayo Clinic Laboratories
   Attn: Tom Griffin
   3050 Superior Dr. NW
   Rochester, MN 55905
   Phone: 800-533-1710
   Turnaround time
   Standard turnaround time is 16 days (maximum). If the sample for SSC testing is urgent for supporting diagnosis of suspected sulfite intoxication, please contact the Biochemical Genetics Laboratory directly at 1-800-533-1710.

State licenses: California, Maryland, New York, Pennsylvania, Rhode Island
CPT Code: 82542

If this is your first test ordered from Mayo Clinic, call 1-800-533-1710 and please register at: https://www.mayocliniclabs.com/order-tests/account-setup.html

Mayo Clinic Laboratories is accredited by the CAP Accreditation Program and individual state’s Clinical Laboratory Certification Program.
If you have a suspected case of MoCD and have questions about accessing investigational therapy, please call 617-322-5165.

Lab Contacts/Numbers:

Duke Health
If the sample for SSC testing is urgent for diagnosis of suspected sulfite intoxication, please contact the Biochemical Genetics Laboratory directly at:
Phone: 919-549-0445 | Fax: 919-549-0709

MAYO CLINIC LABORATORIES
If the sample for SSC testing is urgent for supporting diagnosis of suspected sulfite intoxication, please contact the Biochemical Genetics Laboratory directly at 1-800-533-1710.