COAGULATION

ADVANCING THE DIAGNOSIS AND MANAGEMENT OF BLEEDING AND THROMBOSING DISORDERS
COMPREHENSIVE TESTING APPROACHES DRIVEN BY MAYO CLINIC PRACTICE AND RESEARCH

The Mayo Clinic Special Coagulation Laboratory has been at the forefront of patient-centered and value-based diagnostic laboratory testing, research and patient management for nearly 90 years. Led by a multidisciplinary team of physicians, the laboratory offers a comprehensive repertoire of coagulation tests covering a wide spectrum of bleeding and thrombotic disorders.

COLLEGIAL ACCESS TO MAYO CLINIC CLINICIANS, LABORATORIANS, AND GENETIC COUNSELORS

Mayo Medical Laboratories supports the local delivery of health care services, so when assistance with testing options, result interpretation, or case review and coordination is needed, Mayo Clinic clinicians, laboratorians, and genetic counselors are available to provide assistance. This rapport also provides the opportunity for general practice discussions among colleagues.

Telephone  855-516-8404
Email   rstmilhematology@mayo.edu

COAGULATION BY THE NUMBERS

- 8 Profiles focusing on bleeding and thrombotic disorders
- 45+ Esoteric coagulation test offerings available outside of the profile testing menu
- 350,000 Special coagulation tests performed annually
- 12 Consultants. A group of adult and pediatric hematologists, cardiovascular specialists, and hematopathologists providing profile interpretations and supporting the laboratory practice
- 30+ Genetic counselors, laboratory assistants, technologists, education specialists, development technologists, quality specialists, and management staffing the laboratory
- 1,500+ Profile interpretations and reports provided each month by the rotating consultants
CONSULTATIVE TEST PANELS
FOR COMPLEX OR DIFFICULT DIAGNOSTIC PROBLEMS

Our consultative test panels guide ordering patterns to address specific clinical questions, eliminate false-positive results, and reduce unnecessary testing. For health care providers requesting a single test, many components of these evaluations can also be ordered individually.

- ADAMTS13 ACTIVITY AND INHIBITOR PROFILE
- BLEEDING DIATHESIS PROFILE
- LUPUS ANTICOAGULANT PROFILE
- PROLONGED CLOT TIME PROFILE
- THROMBOPHILIA PROFILE
- VON WILLEBRAND DISEASE PROFILE

EXPERTISE AT MAYO CLINIC

The Mayo Clinic Special Coagulation Laboratory is led by the expertise of:

- Physician directors with experience in hematology, hematopathology, cardiovascular diseases, molecular genetics, platelet function and electron microscopy, and protein chemistry.
- Consulting hematologists, cardiovascular specialists, and hematopathologists with expertise and interest in clinical and laboratory hemostasis and thrombosis to provide test panel interpretation and consultation.
- Clinical technical coagulation specialists able to assist clients with questions regarding appropriate testing, specimen requirements, and interpretation of results.

SPECIALIZED TESTING
FOR PLATELET DISORDERS

- Platelet Transmission Electron Microscopic Study (Mayo ID: PTEM)
  Assesses platelet ultra-structural abnormalities in congenital and acquired platelet disorders
- Platelet Surface Glycoprotein by Flow Cytometry (Mayo ID: PLAFL)
  Assesses hereditary platelet disorders due to quantitative surface glycoprotein (GP) deficiencies

ALGORITHMIC TESTING APPROACH

Coagulation-focused algorithms developed collaboratively among physicians, pathologists, laboratorians, and genetic counselors are available at: mayomedicallaboratories.com/algorithms.

These algorithms:

- Guide proper test utilization
- Recommend approaches for diagnosis of specific diseases
- Assist in treatment and monitoring of patient care
CONSULTANTS

1 ANEEL A. ASHRANI, M.D.
Hematologist
Coagulation fellowship director & thrombosis in cancer

2 DONG CHEN, M.D. PH.D.
Hematopathologist, Co-Director
Platelet biopsy & disorders

3 RONG HE, M.D.
Hematopathologist
Molecular mechanisms of coagulation & hematology disorders

4 CHRISTOPHER C. HOOK, M.D.
Hematologist
Microangiopathy & benign hematology

5 GRETCHEN JOHN, M.D.
Co-Director, Florida
Coagulation & transfusion medicine

6 ARIELA M. MARSHALL, M.D.
Hematologist
Women’s Health Issues in Thrombosis/Hemostasis

7 ROBERT D. MCBANE, M.D.
Cardiologist
Section head of Vascular Medicine

8 WILLIAM L. NICHOLS, JR., M.D.
Hematologist
Hemophilia & von Willebrand disease

9 ANIMESH PARDANANI, MBBS, PH.D.
Hematologist
Bleeding & thrombosis in hematologic neoplasms

10 RAJIV K. PRUTHI, MBBS
Hematologist, Co-Director
Director of Hemophilia center

11 DEEPTI M. WARAD, MBBS
Pediatric Hematologist & Oncologist
Pediatric hemostasis & thrombophilia

12 WALDEMAR E. WYSOKINSKI, M.D., PH.D.
Cardiologist
Director of thrombophilia center & Specialist in vascular medicine

FOR MORE INFORMATION ABOUT COAGULATION TESTING, VISIT
MayoMedicalLaboratories.com/hematology