

Overview

Useful For

Obtaining an expert second opinion on specimens referred by the primary pathologist

Obtaining special studies not available locally

This test is **not intended** to be used to obtain a primary diagnosis.

Reflex Tests

Test Id	Reporting Name	Available Separately	Always Performed
COSPC	Consult, Outside Slide	No, (Bill Only)	No
CRHPC	Consult, w/Comp Rvw of His	No, (Bill Only)	No
CSPPC	Consult, w/Slide Prep	No, (Bill Only)	No
CUPPC	Consult, w/USS Prof	No, (Bill Only)	No

Testing Algorithm

This request will be processed as a consultation case. An interpretation, which includes an evaluation of the specimen and determination of a diagnosis, will be provided within a formal pathology report. Second opinion regarding diagnosis will be rendered by staff pathologists, often in consultation with colleagues who have expertise in the appropriate subspecialty areas. Appropriate additional stains and other ancillary testing may be performed in order to render comprehensive assessment. These additional stains/tests ordered will have the results included within the final pathology report and will be charged separately.

Note: Special stains and studies performed on the case should be sent with the case for review. In order to determine an accurate diagnosis, some of these stains or studies may be deemed to warrant being repeated (and charged) at the reviewing Mayo Clinic pathologist's discretion. In addition, testing requested by the referring physician (immunostains, molecular studies, etc) may not be performed if deemed unnecessary by the reviewing Mayo Clinic pathologist. For all pathology consultations, ancillary testing necessary to determine a diagnosis is ordered at the discretion of the Mayo Clinic pathologist.

The following algorithms are available:

- [-Pathology Consultation Ordering Algorithm](#)
- [-Mast Cell Disorder: Diagnostic Algorithm, Bone Marrow](#)
- [-Eosinophilia: Bone Marrow Diagnostic Algorithm](#)

Special Instructions

- [Pathology Consultation Ordering Algorithm](#)
- [Mast Cell Disorder: Diagnostic Algorithm, Bone Marrow](#)
- [Eosinophilia: Bone Marrow Diagnostic Algorithm](#)

NY State Available

Yes

Specimen**Specimen Type**

MMLDRY

Ordering Guidance

1. If requesting only a peripheral blood smear evaluation, order SPSM / Morphology Evaluation (Special Smear), Blood.
2. This test is not intended for use with wet tissue (tissue that still needs to be processed). See [Pathology Consultation Ordering Algorithm](#).
3. If testing is requested using neuromuscular slides, order MBX / Muscle Pathology Consultation.
4. If testing is requested using peripheral nerve slides/blocks, order PNBX / Peripheral Nerve Pathology Consultation.

Shipping Instructions

Attach the green "Attention Pathology" address label included in the kit to the outside of the transport container.

Necessary Information

1. A preliminary pathology report and brief history are required for all Pathology Consultations.
2. The referring pathologist's name and phone number are required.
3. A brief explanatory note or consultative cover letter is recommended.

Specimen Required

Supplies: Pathology Packaging Kit (T554)

Specimen Type: Paraffin-embedded tissue block and slides

Note: Submit hematoxylin and eosin (H and E) and all special stains performed on the case. Include unstained slides and/or a formalin-fixed, paraffin-embedded tissue block if it is anticipated that additional stains or ancillary testing may be necessary. Unstained slides for immunohistochemistry should be charged, if possible, as not all immunohistochemical stains can be performed on uncharged slides.

Additional Information: If any imaging studies have been performed (ie, electron microscopy [EM], computed tomography [CT], magnetic resonance imaging [MRI], X-rays, etc.), include either on a CD (preferred) or as prints and send with the specimen.

For Hematopathology cases include:

1. Recent peripheral blood smear with complete blood cell count (CBC) report
2. Bone marrow biopsy/clot (block and stained slides)
3. Bone marrow aspirate (stained and unstained slides)
4. All pending and final reports for ancillary testing on above specimens

Forms

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

-[Pathology Consultation Request](#) (T246)

-[Hematopathology/Cytogenetics Test Request](#) (T726)

[-Gastroenterology and Hepatology Client Test Request \(T728\)](#)

[-General Request \(T239\)](#)

[-Benign Hematology Test Request \(T755\)](#)

[-Oncology Test Request \(T729\)](#)

Reject Due To

No specimen should be rejected.

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
MMLDRY	Ambient (preferred)		

Clinical & Interpretive**Clinical Information**

Mayo Clinic in Rochester, MN is staffed by pathologists whose expertise and special interests cover the entirety of pathology—from surgical pathology with all of its respective subspecialty areas, to Hematopathology, Renal Pathology, and Dermatopathology.

Consultation services are provided for difficult diagnostic problems. Consultation cases may be sent by a referring pathologist and directed to one of the pathologists who is an expert in the given area or directed more broadly to the subspecialty group. Cases are frequently shared and sometimes transferred between the pathologists, as deemed appropriate for the type of case or diagnostic problem encountered. Emphasis is placed on prompt and accurate results. Stained slides and paraffin blocks received are reviewed in conjunction with the clinical history provided, laboratory findings, radiographic findings (if applicable), and sending pathologist's report or letter. If additional special stains or studies are needed, the results are included in the final interpretive report. In some cases, electron microscopy and other special procedures are utilized as required.

A variety of ancillary studies are available (eg, cytochemistry, immunohistochemistry, immunofluorescence, electron microscopy, mass spectrometry, cytogenetics, and molecular genetics) to aid in establishing a diagnosis. These ancillary studies are often expensive and labor intensive and are most efficiently utilized and interpreted in the context of the morphologic features.

The goal is to provide the highest possible level of diagnostic consultative service, while balancing optimal patient care with a cost-conscious approach to solving difficult diagnostic problems.

Reference Values

The laboratory will provide a pathology consultation.

Interpretation

Results of the consultation are reported in a formal pathology report that includes a description of ancillary test results (if applicable) and an interpretive comment.

The consultative practice strives to bring the client the highest quality of diagnostic pathology, in all areas of expertise, aiming to utilize only those ancillary tests that support the diagnosis in a cost-effective manner with a rapid turnaround time for diagnostic results.

Cautions

Hematopathology, medical renal pathology, and dermatopathology primary consultation can be provided by separate tests (HPWET / Hematopathology Consultation, MCL Embed; RPCWT / Renal Pathology Consultation, Wet Tissue; DEXT / DermPath Consultation, Wet Tissue). Otherwise, primary interpretation should be performed by a local pathology service and Mayo Clinic pathologists will render a second opinion if requested.

Appropriate stained and unstained slides and tissue sampling and fixation is required in order to make a diagnosis on routine stains and on the special stains or studies that may be required.

Specific diagnosis may require correlation with clinical information.

Performance**Method Description**

All requests will be processed as a consultation case first. Special studies will be performed only if deemed to be diagnostically indicated. If the need for enzyme cytochemical stains, immunophenotyping, and/or immunohistochemical stains is anticipated, appropriate specimen requirements should be followed as indicated.

PDF Report

No

Day(s) Performed

Monday through Friday

Report Available

4 to 8 days; Cases requiring additional material or ancillary testing may require additional time.

Specimen Retention Time

Material made at Mayo Clinic may be retained at Mayo Clinic indefinitely

Performing Laboratory Location

Rochester

Fees & Codes**Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.

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- Prospective clients should contact their Regional Manager. For assistance, contact [Customer Service](#).

Test Classification

Not Applicable

CPT Code Information

88321 (if appropriate)

88323 (if appropriate)

88325 (if appropriate)

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
PATHC	Pathology Consult	60570-9

Result ID	Test Result Name	Result LOINC® Value
71038	Interpretation	60570-9
71039	Participated in the Interpretation	No LOINC Needed
71040	Report electronically signed by	19139-5
71041	Addendum	35265-8
71042	Material Received	22633-2
71583	Disclaimer	62364-5
71789	Case Number	80398-1