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

<table>
<thead>
<tr>
<th>Test ID</th>
<th>Reporting Name</th>
<th>Available Separately</th>
<th>Always Performed</th>
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<tbody>
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<td>Consult, w/USS Prof</td>
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</table>

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 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 pathologist. For all pathology consultations, ancillary testing necessary to determine a diagnosis is ordered at the discretion of the Mayo pathologist.

See Pathology Consultation Ordering Algorithm in Special Instructions.

Special Instructions
- Pathology Consultation Ordering Algorithm

NY State Available

Yes

Specimen

Specimen Type
MMLDRY
Advisory Information

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], CT, 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 a Pathology Consultation Request (T246) with the specimen.

Reject Due To

No specimen should be rejected.
Specimen Stability Information

<table>
<thead>
<tr>
<th>Specimen Type</th>
<th>Temperature</th>
<th>Time</th>
<th>Special Container</th>
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<tbody>
<tr>
<td>MMLDRY</td>
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Clinical and 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) and Time(s) Test Performed**

Monday through Friday; Varies

**Analytic Time**

3 days; Note: Cases requiring additional material or ancillary testing may require additional time.

**Maximum Laboratory Time**

8 days

**Performing Laboratory Location**

Rochester

**Fees and 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.
- 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**

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