MAYO CLINIC LABORATORIES

Test Definition: DEXT

Dermatopathology Consultation, Wet Tissue

Overview

Useful For

Histologic diagnosis and differential diagnosis of cutaneous diseases

Reflex Tests

Test Id	Reporting Name	Available Separately	Always Performed
LEV2P	Level 2 Gross and microscopic	No	No
LEV3P	Level 3 Gross and microscopic	No	No
LEV4P	Level 4 Gross and microscopic	No	No

Testing Algorithm

When this test is ordered, 1 of the 3 reflex tests will be performed at an additional charge. Appropriate additional stains and other ancillary testing may also be performed, at an additional charge, to determine a diagnosis.

For more information see:
Autoimmune Blistering Disease Diagnostic Algorithm
Pathology Consultation Ordering Algorithm

Special Instructions

- Pathology Consultation Ordering Algorithm
- Autoimmune Blistering Disease Diagnostic Algorithm

Highlights

Our consultative practice strives to provide the highest quality diagnostic consultative service, balancing optimal patient care with a cost-conscious approach that supports the rapid turnaround time for diagnostic results.

Method Name

Formalin-fixed tissues: Process/Embed
Serial sections: Hematoxylin and Eosin Stain/Light Microscopy

NY State Available

Yes

Specimen

Specimen Type

Tissue

Ordering Guidance

This test is only for a dermatopathology wet tissue consultation. For a dermatologic consultation on paraffin embedded tissue and slides, order PATHC / Pathology Consultation.

Shipping Instructions

Attach the green "Attention Pathology" address label (T498) to the outside of the transport container before putting into the courier mailer.

Necessary Information

All requisition and supporting information must be submitted in English.

Each of the following items is required:

1. All requisitions must be labeled with:

-Patient name, date of birth and medical record number

-Name and phone number of the referring pathologist or ordering healthcare professional

-Anatomic site and collection date

2. A brief patient history is essential to achieve a consultation fully relevant to the ordering clinician's needs.

3. Preliminary diagnosis or differential diagnosis

4. Clinical and/or dermoscopic images should be included if available. Submit with the request via Epic Care Everywhere, Mayo Clinic Image Share, or external storage device.

Specimen Required

Supplies: Dermatopathology Media (T101)

Sources: Skin or oral mucosa

Container/Tube: Screw-capped container or vial containing 10% formalin

Specimen Volume: Entire specimen

Collection Instructions: For scalp biopsies: when the differential diagnosis includes a scarring alopecia, 2 separate 4-mm punch biopsies are recommended (1 for vertical and 1 for horizontal sections). If a single scalp biopsy is received with the clinical diagnosis of a scarring alopecia, the specimen will be processed with horizontal sections.

Additional Information: STAT requests are not accepted for this test.

Specimen Minimum Volume

Size needed depends on diagnosis and size of lesion.

Reject Due To

All specimens will be evaluated at Mayo Clinic Laboratories for test suitability.

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Tissue	Ambient		

Clinical & Interpretive

Clinical Information
Dermatopathology involves histologic examination of skin biopsy and oral mucosal specimens.

Reference Values
Diagnosis and description of microscopic findings

Interpretation
Histologic diagnosis is based primarily on interpretation of hematoxylin and eosin-stained sections. Special histochemical stains, such as alcian blue, Giemsa, or periodic acid-Schiff, may be necessary in some cases.

Interpretation is based on evaluation of patterns including architectural and cytologic details, which are included in a microscopic description.

Cautions
Specific diagnosis may require correlation with clinical information.

Clinical Reference
1. Lever WF, Schaumburg-Lever G. Histopathology of the Skin. 7th ed. JB Lippincott; 1990
2. Elder D, Elenitsas R, Ioffreda M, et al, eds. Atlas of Dermatopathology: Synopsis and Atlas of Lever's Histopathology of the Skin. 4th ed. Lippincott Williams and Wilkins; 2020

Performance

Method Description
Formalin-fixed, paraffin-embedded skin biopsy sections are stained and interpreted utilizing a bright-field microscope.(Elder DE, Elenitsas R, Rosenbach M, Murphy GF, Ruben AL, Xu X, eds. Lever's Histopathology of the Skin. 11th ed. Lippincott Williams and Wilkins; 2019)

PDF Report
No

Day(s) Performed
Monday through Friday

Report Available
3 to 5 days: Cases requiring additional material or ancillary testing may require additional time.

Specimen Retention Time
Indefinitely

Performing Laboratory Location
Mayo Clinic Laboratories - Rochester Main Campus

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.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification

Not Applicable

CPT Code Information

88302 (if appropriate)
88304 (if appropriate)
88305 (if appropriate)

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
DEXT	Dermatopathology Consult	60570-9

Result ID	Test Result Name	Result LOINC® Value
71139	Interpretation	33746-9
71140	Participated in the Interpretation	No LOINC Needed
71141	Report electronically signed by	19139-5
71142	Addendum	35265-8
71143	Gross Description	22634-0
71582	Disclaimer	62364-5
71854	Case Number	80398-1