
Reporting Title: Cutaneous Direct IFA, Biopsy**Performing Location:** Rochester**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 provider
- Anatomic site and collection date

2. A suspected diagnosis and reason for testing

See Specimen Required - Recommended Biopsy Site Selection Based on Disease State for how to label biopsy site specimens.

Specimen Requirements:

Processed as 1 specimen: Two or more biopsies from **same site** and sent in 1 specimen vial.

Processed as 2 specimens: Two or more biopsies from **different sites** require separate specimen vials.

Note: These can be ordered together. Tests performed on each site will be billed accordingly.

Transport Medium Method**Specimen Type:** Tissue**Supplies:** Michel's Transport Media for Immunofluorescent Testing on Tissue (T321)**Sources:** Skin or 1 of the following mucosae: oral (oropharyngeal), nasal, genital, esophageal, conjunctival, laryngeal, or epiglottis**Container/Tube:** Screw-capped container or vial containing transport medium (Michel's, also called Zeus media)**Specimen Volume:** 2- to 8-mm punch specimen, intact or bisected; excisional biopsy specimen intact or bisected**Collection Instructions:**

1. Collect biopsy of skin or mucosa avoiding old lesions (including facial), ulcers, erosions, or bullae. Refer to Recommended Biopsy Site Selection Based on Disease State below.
2. Immediately place specimen into a labeled vial of transport medium and seal tightly.

Acceptable**Snap-Frozen Method****Specimen Type:** Tissue**Sources:** Skin or 1 of the following mucosae: oral (oropharyngeal), nasal, genital, esophageal, conjunctival, laryngeal, or epiglottis**Container/Tube:** Plastic vial**Specimen Volume:** 2-8 mm punch specimen, intact or bisected; excisional biopsy specimen, intact or bisected**Collection Instructions:**

1. Collect biopsy of skin or mucosa avoiding old lesions (including facial), ulcers, erosions, or bullae. Refer to Recommended Biopsy Site Selection Based on Disease State below.
2. Immediately place specimen into liquid nitrogen and allow to freeze thoroughly (do not allow specimen to desiccate). If liquid nitrogen is not available, specimen may be frozen by placing it on a small square of aluminum foil on a block of dry ice. Liquid nitrogen is preferred.

3. Immediately wrap specimen carefully in aluminum foil. At no time should the specimen be allowed to thaw.
4. Place the wrapped specimen into the prelabeled plastic vial and seal tightly. Ship frozen.

Recommended Biopsy Site Selection Based on Disease State

1. **Pemphigus and pemphigoid groups** (including linear IgA bullous dermatosis and chronic bullous disease of childhood): Biopsy erythematous perilesional skin or mucosa. Avoid erosions, ulcers, and bullae while obtaining tissue adjacent to active lesions. Label as perilesional skin.
2. **Dermatitis herpetiformis**: Biopsy normal-appearing skin, 0.5-1 cm away from lesion. Label as perilesional skin.
3. **Lupus erythematosus**: Involved areas of skin such as erythematous or active borders are preferred biopsy sites to confirm the diagnosis of lupus erythematosus, either discoid or systemic. Label as involved skin. Avoid ulcers, old lesions, and facial lesions, if possible. Uninvolved, nonexposed skin is the preferred site to detect a lupus band as may be found in systemic lupus erythematosus. Should unexposed skin be desired, buttock or medial thigh is suggested. Label as uninvolved, nonexposed skin.
4. **Mixed connective tissue disease**: Biopsy as for lupus erythematosus except when sclerodermoid features are present. For sclerodermoid features, biopsy inflamed area. Label as involved or uninvolved, exposed or nonexposed skin.
5. **Vasculitis and urticaria**: The erythematous or active border of a new lesion is preferred. Avoid old lesions and ulcers. Label as involved skin. If appropriate, skin lesion is not present, diagnosis may sometimes be made from uninvolved skin.
6. **Porphyria**: Biopsy involved skin. Avoid old lesions and ulcers. Label as involved skin.
7. **Lichen planus and lichenoid reactions**: Biopsy involved skin. Avoid old lesions and ulcers. Label as involved skin.

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)	30 days	
	Refrigerated	30 days	
	Frozen	120 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
71145	Interpretation	Alphanumeric		66121-5
71146	Participated in the Interpretation	Alphanumeric		No LOINC Needed
71147	Report electronically signed by	Alphanumeric		19139-5
71610	Addendum	Alphanumeric		35265-8
71855	Case Number	Alphanumeric		80398-1

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

Per biopsy site:
88346

88350 x 5

Reference Values:

An interpretive report will be provided.