

Reporting Title: MayoComplete Lung Rearrangements
Performing Location: Rochester

Ordering Guidance:
Multiple oncology (cancer) gene panels are available. For more information see [Hematology, Oncology, and Hereditary Test Selection Guide](#).

Necessary Information:
Pathology report (final or preliminary) at minimum containing the following information must accompany specimen for testing to be performed:

1. Patient name
2. Block number-must be on all blocks, slides, and paperwork (can be handwritten on the paperwork)
3. Tissue collection date
4. Source of the tissue

Specimen Requirements:
This assay requires at least 10% tumor nuclei.

- Preferred amount of tumor area with sufficient percent tumor nuclei: tissue 36 mm(2)
- Minimum amount of tumor area: tissue 18 mm(2)
- These amounts are cumulative over up to 10 unstained slides and must have adequate percent tumor nuclei.
- Tissue fixation: 10% neutral buffered formalin, not decalcified

Preferred:
Specimen Type: Tissue block and cell block
Collection Instructions: Submit a formalin-fixed, paraffin-embedded tissue block or cell block with acceptable amount of tumor tissue.

Acceptable
Specimen Type: Tissue slides
Slides: 1 Stained and 5 unstained
Collection Instructions: Submit 1 slide stained with hematoxylin and eosin and 5 unstained, nonbaked slides with 5-micron thick sections of the tumor tissue.
Note: The total amount of required tumor nuclei can be obtained by scraping up to 5 slides from the same block.
Additional Information: Unused unstained slides will not be returned.

Specimen Type: Cytology slides (direct smears)
Slides: 1 to 3 Slides for smears
Collection Instructions: Submit 1 to 3 slides unstained or stained with Diff Quik or Pap and coverslipped with a preferred total of 5000 nucleated cells or a minimum of at least 3000 nucleated cells.
Note: Glass coverslips are preferred; plastic coverslips are acceptable but will result in longer turnaround times.
Additional Information: Cytology slides used in testing will have everything scraped and not be returned.

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)		

	Refrigerated		
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Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
618280	Result	Alphanumeric		82939-0
618281	Interpretation	Alphanumeric		69047-9
618282	Additional Information	Alphanumeric		48767-8
618283	Specimen	Alphanumeric		31208-2
618284	Tissue ID	Alphanumeric		80398-1
618285	Method	Alphanumeric		85069-3
618286	Disclaimer	Alphanumeric		62364-5
618287	Released By	Alphanumeric		18771-6

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

Supplemental Report:

No

CPT Code Information:

81449

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
SLIRV	Slide Review in MG	1	88381	Yes	No

Reference Values:

An interpretive report will be provided.