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**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 Minimum Volume:**

See Specimen Required

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)		
	Refrigerated		

**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	Orderable Separately
SLIRV	Slide Review in MG			Yes	No

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**Reference Values:**

An interpretive report will be provided.