

Reporting Title: Tumor, Microsatellite Instability

Performing Location: Rochester

Necessary Information:

Pathology report (final or preliminary) must accompany specimen in order for testing to be performed. At minimum, it should contain the following information:

- 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 40% tumor nuclei for endometrial specimens and at least 20% tumor nuclei for colorectal specimens.

- Preferred amount of tumor area with sufficient percent tumor nuclei: tissue 72 mm(2)
- Minimum amount of tumor area: 18 mm(2)
- These amounts are cumulative over up to 10 unstained slides and must have adequate percent tumor nuclei.
- Tissue fixation: formalin-fixed paraffin-embedded (FFPE), non-decalcified

Preferred:

Specimen Type: Tissue block

Collection Instructions: Submit a formalin-fixed, paraffin-embedded tissue block with acceptable amount of tumor tissue.

Acceptable:

Specimen Type: Tissue slide

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.

Forms:

- 1. [Molecular Genetics: Inherited Cancer Syndromes Patient Information](#) (T519)
- 2. If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:
 - [Gastroenterology and Hepatology Test Request](#) (T728)
 - [Oncology Test Request](#) (T729)

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
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609365	Result Summary	Alphanumeric		50397-9
609366	Result	Alphanumeric		43368-0
609367	Interpretation	Alphanumeric		69047-9
609368	Specimen	Alphanumeric		31208-2
609369	Source	Alphanumeric		31208-2
609370	Tissue ID	Alphanumeric		80398-1
609371	Released By	Alphanumeric		18771-6

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

Supplemental Report:

No

CPT Code Information:

81301
88381-Microdissection, manual

Reflex Tests:

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

Reference Values:

An interpretive report will be provided.