MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT
NOTIFICATION DATE: July 30, 2013
EFFECTIVE DATE: August 28, 2013

Endometrial Stromal Tumors (EST), 7p15 (JAZF1), 6p21.32 (PHF1), 17p13.3 (YWHAE) Rearrangement, FISH, Tissue

Test ID: FEST

USEFUL FOR:

- Supporting the diagnosis of endometrial stromal tumors when used in conjunction with an anatomic pathology consultation

METHODOLOGY: Fluorescence In Situ Hybridization (FISH)

REFERENCE VALUES: An interpretive report will be provided.

SPECIMEN REQUIREMENTS: Provide a pathology report with each tissue specimen. The laboratory will not reject a specimen that arrives without this information but will hold the specimen until a pathology report is received.

Container/Tube:
Preferred: Formalin-fixed, paraffin-embedded tissue block
Acceptable: Six consecutive unstained, 5-microns-thick sections on positively charged slides
Collection Instructions: Include 1 hematoxylin and eosin-stained slide.

NOTE:

- If not ordering electronically, complete and submit a Hematopathology/Molecular Oncology Request Form (Supply T241) with the specimen.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Tissue	Ambient (preferred)	
	Standard	

CAUTIONS:

- This test is not approved by the FDA and is best used as an adjunct to existing clinical and pathologic information.
- Fixatives other than formalin (eg, Prefer, Bouin's) may not be successful for FISH assays. Although FISH testing will not be rejected due to nonformalin fixation results may be compromised.
- Paraffin-embedded tissues that have been decalcified are generally unsuccessful for FISH analysis. The pathologist reviewing the hematoxylin and eosin-stained slide may find it necessary to cancel testing.

CPT CODE:
Endometrial Stromal Tumors (EST), 7p15 (JAZF1), 6p21.32 (PHF1), 17p13.3 (YWHAE) Rearrangement, FISH, Tissue
88271 x 2-DNA probe, each
88275-Interphase in situ hybridization, 100-300 cells
88291-Interpretation and report

One Additional FISH Probe
88271-DNA probe, each (if appropriate)
88275-Interphase in situ hybridization (if appropriate)

Two Additional FISH Probes
88271 x 2-DNA probe, each (if appropriate)
88275-Interphase in situ hybridization (if appropriate)

Three Additional FISH Probes
88271 x 3-DNA probe, each (if appropriate)
88275-Interphase in situ hybridization (if appropriate)

Four Additional FISH Probes
88271 x 4-DNA probe, each (if appropriate)
88275 x 2-Interphase in situ hybridization (if appropriate)

Five Additional FISH Probes
88271 x 5-DNA probe, each (if appropriate)
88275 x 2-Interphase in situ hybridization (if appropriate)

Six Additional FISH Probes
88271 x 6-DNA probe, each (if appropriate)
88275 x 3-Interphase in situ hybridization (if appropriate)

DAY(S) SET UP: Monday through Friday 6 a.m.-9 p.m.;
Saturday; Sunday 6 a.m.-4 p.m.
Results reported Monday through Friday 8 a.m.-5 p.m.

ANALYTIC TIME: 7 days

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Marvin H. Anderson, Jr., MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710