



Germ Cell Tumor (GCT), Isochromosome 12p, FISH, Tissue
Test ID: FGCT

USEFUL FOR: As an aid in the diagnosis of germ cell tumors

METHODOLOGY: Fluorescence in situ hybridization (FISH)

REFERENCE VALUES: An interpretive report will be provided.

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

- **Container/Tube:** Formalin-fixed, paraffin-embedded tissue block
- **Collection Instructions:** Include 1 hematoxylin-and-eosin stained slide.

NOTE: If ordering electronically, please complete and submit a "MayoConnect Additional Test Information Form" (Supply T357 or see Special Instructions) with the specimen. If not ordering electronically, please complete and submit a "Hematopathology/Molecular Oncology Request Form" (Supply T241) with the specimen.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Tissue	Ambient (preferred)	
	Refrigerated	

CAUTIONS:

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

CPT CODE:

88271 x 2-DNA probe, each
 88275-Interphase in situ hybridization 100 to 300 cells
 88291-Interpretation and report

DAY(S) SET UP: Samples processed Monday through Sunday. Results reported Monday through Friday, 8 a.m.-5 p.m. CST

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