



Sex Chromosome Determination, FISH, Tissue
Test ID: FSCT

USEFUL FOR: Identifying the sex chromosome complement in paraffin-embedded tissues

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 a specimen that arrives without this information but will hold the specimen until a pathology report is received.

Submit only 1 of the following specimens:

Preferred: Formalin-fixed, paraffin-embedded tumor tissue block and 1 hematoxylin-and-eosin (H and E) slide

Acceptable: Four consecutive unstained 5-micron-thick sections placed on positive-charged slides and 1 hematoxylin-and-eosin (H and E) slide

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Tissue	Ambient (preferred)	
	Refrigerated	

CAUTIONS:

- This test is not approved by the FDA and it is best used as an adjunct to existing clinical and pathologic information.
- For testing of bone marrow samples from patients who have undergone an opposite sex transplant, order FBMT/80601 XX/XY in Opposite Sex Bone Marrow Transplantation, FISH.

CPT CODE:

88271 x 2-Molecular cytogenetics (eg, FISH), each probe

88275-Interphase in situ hybridization (100-300 cells)

88291-Cytogenetics and molecular cytogenetics, interpretation and report

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