MAYO CLINIC LABORATORIES

NEW TEST

Notification Date: October 1, 2024
Effective Date: November 4, 2024

1p/19q Glioma Deletions, FISH, Tissue

Test ID: JGLIF; performed at Mayo Clinic Laboratories Florida.

Useful for:
Glioma subclassification, prognosis and selection of therapies

Test Algorithm:
This test includes a charge for application of 2 probe sets (4 individual fluorescence in situ hybridization probes), analysis, and professional interpretation of results.

Methods:
Fluorescence In Situ Hybridization (FISH)

Reference Values:
An interpretive report will be provided.

Necessary Information:
A reason for testing and pathology report are required for testing to be performed. Send information with specimen. Acceptable pathology reports include working drafts, preliminary pathology, or surgical pathology reports.

Specimen Requirements:
Submit only 1 of the following specimens:

Specimen Type: Tissue
Preferred: Tissue block
Collection Instructions: Submit a formalin-fixed, paraffin-embedded tumor tissue block. Blocks prepared with alternative fixation methods will not be accepted; provide fixation method used.
Note: Send with ice pack if shipping during warm months.

Acceptable: Slides
Collection Instructions: Three consecutive, unstained, 4 to 5 micron-thick sections placed on positively charged slides, and 1 hematoxylin and eosin-stained slide.
Minimum volume: 2 consecutive unstained and 1 hematoxylin and eosin stained.

Shipping Instructions:

Advise Express Mail or equivalent if not on courier service
Ship paraffin blocks on ice packs during warm months.

Specimen Stability Information:

Specimen Type	Temperature	Time
Tissue	Ambient (preferred)	
	Refrigerated	

Cautions:

Optimum fixation should be performed in 10% neutral buffered formalin. Other types of fixatives should not be used.
The information provided by the 1p/19q status of a patient's tumor should not be interpreted in isolation.

CPT Code:

88377 x2

Day(s) Performed: Monday through Friday **Report Available:** 2 to 8 days

Questions

Contact Bonnie Meyers, Laboratory Resource Coordinator at 800-533-1710.