

NEW TEST ANNOUNCEMENT

NOTIFICATION DATE: December 11, 2012

EFFECTIVE DATE: Immediately

NEUROBLASTOMA, 2P24 (MYCN) AMPLIFICATION, FISH, BLOOD OR BONE MARROW

Test ID: FMNB

USEFUL FOR: Aids in identifying metastatic disease in patients with a neuroblastoma that has been previously determined to be positive for the *MYCN* oncogene

METHODOLOGY: Fluorescence In Situ Hybridization (FISH)

REFERENCE VALUES: An interpretive report will be provided.

SPECIMEN REQUIREMENTS:

Please provide a reason for referral and a pathology report documenting the presence of the metastatic tumor present in the sample submitted. The laboratory will not reject testing if this information is not provided, but appropriate testing and interpretation may be compromised or delayed.

Forms: Cytogenetics Hematologic FISH Panel Patient Information Sheet (Supply T603) in Special Instructions

If FISH analysis was performed on the primary tumor, please provide a copy of the report if available.

Advise Express Mail or equivalent if not on courier service.

Submit only 1 of the following specimens:

Specimen Type: Bone marrow

Container/Tube: Green top (sodium heparin)

Specimen Volume: 1-2 mL Collection Instructions:

- 1. Invert several times to mix bone marrow.
- 2. Other anticoagulants are not recommended and are harmful to the viability of the cells.

Specimen Type: Blood

Container/Tube: Green top (sodium heparin)

Specimen Volume: 7-10 mL Collection Instructions:

- 1. Invert several times to mix blood.
- 2. Other anticoagulants are not recommended and are harmful to the viability of the cell

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Varies	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.

Bone marrow is the preferred sample type. In order to perform testing on peripheral blood, hematopathology review should confirm that tumor cells are present in the blood sample

ANALYTIC TIME: 7 days

FEE: Please contact your Regional Manager for your account's fee information.

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-Friday; 6AM-9PM Saturday & Sunday; 6AM-4PM