Test Definition: FMNB

Neuroblastoma, 2p24 (MYCN) Amplification, FISH, Blood or Bone Marrow

Reporting Title: MYCN, 2p24, FISH, B/BM
Performing Location: Rochester

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.

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

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

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 cells.

Specimen Type	Temperature	Time
Varies	Ambient (preferred)	
	Refrigerated	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
FMNB	CG602	Source	Plain Text	Yes
FMNB	CG603	Reason for Referral	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
34380	Specimen	Alphanumeric		N/A
34381	Specimen ID	Alphanumeric		N/A
CG602	Source	Alphanumeric		31208-2
34383	Order Date	Alphanumeric		N/A
CG603	Reason For Referral	Alphanumeric		42349-1
34385	Method	Alphanumeric		49549-9
34386	Result	Alphanumeric		In Process
34387	Interpretation	Alphanumeric		In Process
34388	Amendment	Alphanumeric		In Process
34389	Consultant	Alphanumeric		N/A
34390	Released Date	Alphanumeric		N/A

CPT Code Information:

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

Reference Values:

An interpretive report will be provided.