

## Oncology FISH Analysis (fluorescence *in situ* hybridization)

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### DESCRIPTION:

- Confirmation/Identification of leukemia/lymphoma related genetic rearrangements.
- Monitoring of residual disease, transplants and the study of nondividing clones (B cell/plasma cell disorders).

### METHOD OF ANALYSIS:

- Interphase fluorescence *in situ* hybridization
- Detects deletions of specific chromosome regions. Cannot rule out the presence of other chromosome abnormalities.

### SAMPLE REQUIREMENTS:

- Fixed-cell pellet from a cytogenetic analysis. Two 4-micron unstained sections on Poly-L-Lysine or Silane coated slides from a formalin fixed paraffin embedded sample. Or collect 1-3 ml of bone marrow or 1-10 ml. of blood into a green top (sodium heparin) tube. Invert the tube several times to prevent coagulation. A charge for processing may be applied if chromosome studies have not been ordered. Please indicate diagnosis and probe of interest on the test requisition submitted with the specimen.
- Maintain collected specimen at room temperature. Do not freeze or refrigerate.
- Blood/bone marrow smears can also be submitted for FISH studies.

### TEST CPT CODES:

- CPT 88271 Probe
- CPT 88275 Analysis
- CPT 88291 Interpretation and report

*Discounts from list price are available for institutional billing under contractual arrangement with the laboratory. Contact Ellen Livers at 800-447-6614 ext 7523.*