

Bone Marrow and Oncology Blood Chromosome Analysis

DESCRIPTION:

- This test allows for the detection of acquired chromosome abnormalities used in the diagnosis and treatment of patient's with myelodysplasia, myeloproliferative disorders, acute and chronic leukemias, and lymphoproliferative diseases.

METHOD OF ANALYSIS:

- Analysis of 20 G banded metaphase cells with multiple karyotypes prepared including all abnormal clones.
- Normal results do not rule out the presence of leukemia/lymphoma. Samples with low cellularity or viability may not yield results. Excessive amount of sodium heparin or use of lithium heparin or EDTA will inhibit growth of cells in culture. Patient should not be receiving chemotherapy.
- Results are available within 7 days. A preliminary (verbal) report can be provided on stat cases within 72 hours.

SAMPLE REQUIREMENTS:

- 1-2 ml bone marrow collected in a heparinized syringe is transferred to a green (sodium heparin) tube. For studies on peripheral blood, 10% blasts should be present. 2-3 ml of blood collected in a green (sodium heparin) tube. Indicate diagnosis on request form.
- Store at room temperature. Do not freeze. Sample should arrive in the laboratory with 48 hours of collection.

TEST CPT CODES:

- CPT 88237 Bone Marrow Culture
- CPT 88264 Bone Marrow Analysis
- CPT 88280 Bone Marrow Additional Karyotyping
- 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.