

**GENETIC DISEASES EVALUATION CENTER**  
duzengenetics.com • duzen.com.tr

**Test Name & Code:**

- **Test Name:** Imatinib Resistance Sequence Analysis
- **Test Code:** 4810

**Related Diseases & Genes:**

- “Leukemia, Philadelphia chromosome-positive, resistant to imatinib” || Gene: *ABL1* (OMIM #: 189980)

**Synonyms:**

- ABL Gene P Loop Mutations
- Gleevec Resistance
- ABELSON MURINE LEUKEMIA VIRAL ONCOGENE HOMOLOG 1
- TRANSFORMATION GENE: ONCOGENE ABL
- ABELSON STRAIN OF MURINE LEUKEMIA VIRUS; ABL

**Test Details:**

- **Methodology:** DNA Sequencing
- **Performed:** Everyday
- **Reported:** Wednesdays

**Specimen Details:**

- **Specimen Collection:** Peripheral blood; Bone marrow aspiration material; Bone marrow biopsy material
- **Container:** Tube with EDTA
- **Specimen Volume/Amount:** > 3 ml
- **Storage/Transport Condition:** Refrigerated
- **Unacceptable Specimens/Conditions:** Serum; Frozen specimens; Hemolyzed specimens; Icterus; Lipemia

**Testing Area(s):**

- Hemato Oncogenetics
- Pharmacogenetics

