

# **NEW TEST ANNOUNCEMENT**

**NOTIFICATION DATE:** March 21, 2011 **EFFECTIVE DATE:** Immediately

# KIT, MUTATION ANALYSIS, EXON 13 #88956

**USEFUL FOR:** Diagnosis and management of patients with GIST (gastrointestinal stromal tumor) or other tumors that express KIT.

**METHOD**: Polymerase chain reaction (PCR).

**REFERENCE VALUES:** Negative. (Reported as positive, negative or indeterminate.)

#### **Additional Tests:**

Unit Code	Reporting Name	Available Separately	Always Performed
20422	DNA/RNA Extraction, MAP Lab	No	Yes

### **Testing Algorithm:**

When this test is ordered, DNA extraction will always be performed at an additional charge. However, for multiple KIT mutation test orders, the DNA extraction will only be charged once.

**SPECIMEN REQUIREMENTS**: Submit a formalin-fixed, paraffin-embedded (FFPE) tissue block with consultation materials.

**Note:** 1. A pathology/diagnostic report and a brief history are required for processing.

- 2. Indicate #88956 "KIT, Mutation Analysis, Ex13" on Request Form.
- 3. Process all fresh or frozen specimens into FFPE blocks prior to submission.
- 4. When a FFPE block is not available, or processing cannot be performed, a frozen specimen, shipped on dry ice, will be accepted and will be processed by the lab into a FFPE block prior to testing.
- 5. Unstained slides are also acceptable. If received, the slides may be stained and/or scraped.

**CAUTIONS:** KIT mutations can be seen in neoplasms other than GIST, including, but not limited to: mast cell disease, melanoma, seminomas, acute myeloid leukemia, myeloproliferative neoplasms, and some lymphomas. This test is used for clinical purposes. Clinical diagnosis and/or therapy should not be based solely on this assay. The results should be considered in conjunction with clinical information and/or additional diagnostic tests. For KIT Asp816Val mutation analysis in mast cell disease, please refer to unit code 88802.

**LIST FEE:** \$814.50

\$161.00 for #20422 DNA/RNA Extraction

\$975.50 Total List fee

## **CPT CODES**:

KIT, Mutation Analysis, Exon 13

83892 x 1 enzymatic digestion

83896 x 2 nucleic acid probe, each

83898 x 1 Amplification, target, each nucleic acid sequence

83904 x 1 Mutation identification by sequencing, single segment

83907 x 1 Lysis of cells prior to nucleic acid extraction

83912 x 1 Interpretation and report

DNA/RNA Extraction, MAP Lab

83891 x 1 Isolation or extraction of highly purified nucleic acid

ANALYTIC TIME: 4 days DAY(S) SET-UP: Monday through Friday

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager Leah Saint-Fort, Mayo Medical Laboratories' Technologist Support Telephone: 800-533-1710