



C-KIT Mutation Analysis (Exons 13 & 17)

Synonym(s):

[Back To Previous Page \(javascript: history.go\(-1\)\)](#)

| | |
|-----------------------------|--|
| Lab Section Category | Molecular Diagnostics - Oncology Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/moleculardiagnosics.aspx). |
| Indications | Screening of GIST tumor samples for mutations in the <i>KIT</i> gene may be helpful in the diagnosis, prognostication and management of patients with GIST. These assays detect mutations from formalin-fixed paraffin-embedded GIST samples. |
| Specimen Required | Paraffin embedded tissue block sent to the Histopathology Section. Alternatively, unstained slides can be sent to the Histopathology Section. At least 8 sections of 8 µm thickness, or 12 sections of 5 µm thickness for smaller biopsies should be sent together with one H&E slide, 4 µm thick with a coverslip as a reference slide. Tumour content must be indicated and must be at least 30%. |
| Method | Polymerase Chain Reaction followed by direct Sanger sequencing (In-house test) |
| Test Result | Detected, Not Detected or Inconclusive |
| Turnaround Time | 5-10 days |
| Day(s) Test Set up | Variable |

[Back To Previous Page \(javascript: history.go\(-1\)\)](#)

Change History Notes

- 05 Dec 2012 04:49 PM**
 New test available w.e.f. 10 December 2012
- 29 Apr 2015 02:45 PM**
 Turnaround Time: Turnaround Time has been last updated on 29/04/15.