



C-KIT Mutation Analysis (Exons 9 & 11)

Synonym(s): C-KIT (Exons 9 & 11)

[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 KIT gene may be helpful in the diagnosis, prognostication and management of patients with GIST. This assay detects mutations found in exon 9 and 11 of KIT gene, 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 micrometers thickness, or 12 sections of 5 micrometers thickness for smaller biopsies should be sent together with one H&E slide, 4 micrometers 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

- **18 Apr 2012 05:10 PM**
New test available w.e.f. 23 April 2012