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BRAF V600E MUTATION TEST

Synonym(s):

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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	This assay detects substitution of glutamic acid for valine at amino acid 600 (p.V600E) of the BRAF gene. This is the most common BRAF mutation in metastatic colorectal carcinoma, papillary thyroid carcinoma and melanoma.
Specimen Required	Paraffin embedded tissue block sent to the Histopathology Section. Alternatively, unstained slides can be sent to the Histopathology Section. Note : - 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	In-house real-time Polymerase Chain Reaction (PCR).
Test Result	Detected, Not Detected or Inconclusive
Turnaround Time	8 days
Day(s) Test Set up	Variable

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Change History Notes

- **14 Jan 2013 02:26 PM**
Updated Turnaround Time to within 8 days

- **29 Apr 2015 02:53 PM**
Day(s) Test Set-Up: Day(s) Test Set-Up has been last updated on 29/04/15.