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INTERPHASE FLUORESENCE IN SITU HYBRIDIZATION PANEL TEST FOR GLIOMA

Synonym(s): GLIOMA FISH PANEL

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

Lab Section Category	Cytogenetics - Cancer/Cancer FISH Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/cytogenetics.aspx).
Indications	This FISH test uses the LSI 1p36 / LSI 1q25 & LSI 19q13 / LSI 19p13 dual colour probe sets to detect chromosomal deletions involving the 1p36 and 19q13 regions.
Specimen Required	Freshly-cut tissue sections.
Storage and Transport	The FISH test is optimal with freshly-cut tissue samples. Tissue sections should preferably be between 4 - 6mm in thickness on coated/positively-charged slides. The optimal fixation time in formalin should be between 6 - 72 hours. An accompanying Hematoxylin and Eosin (H&E) stained slide with the tumour region marked out by a pathologist should be submitted together with at least 6 unstained sections
Method	Fluorescence <i>In Situ</i> Hybridization using direct-labelled FISH DNA probes are hybridized to target loci and analysed under fluorescence microscopy.
Test Result	Findings are reported in accordance to the International System for Human Cytogenomic Nomenclature (ISCN, 2016).
Turnaround Time	3 ~ 10 days
Day(s) Test Set up	Monday – Saturday (office hours)

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

Change History Notes

- 15 Nov 2012 09:02 AM**
 Updated Turnaround Time to within 10 days.

- 07 Dec 2015 05:16 PM**
 Updated Turnaround Time: 3 ~ 10 days

- 16 Dec 2015 09:39 AM**
 Change the time in formalin from 6-48 hours to 6-72 hours

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- **06 Jul 2017 11:14 AM**
- Updated the test result for ISCN, 2013 to ISCN, 2016
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