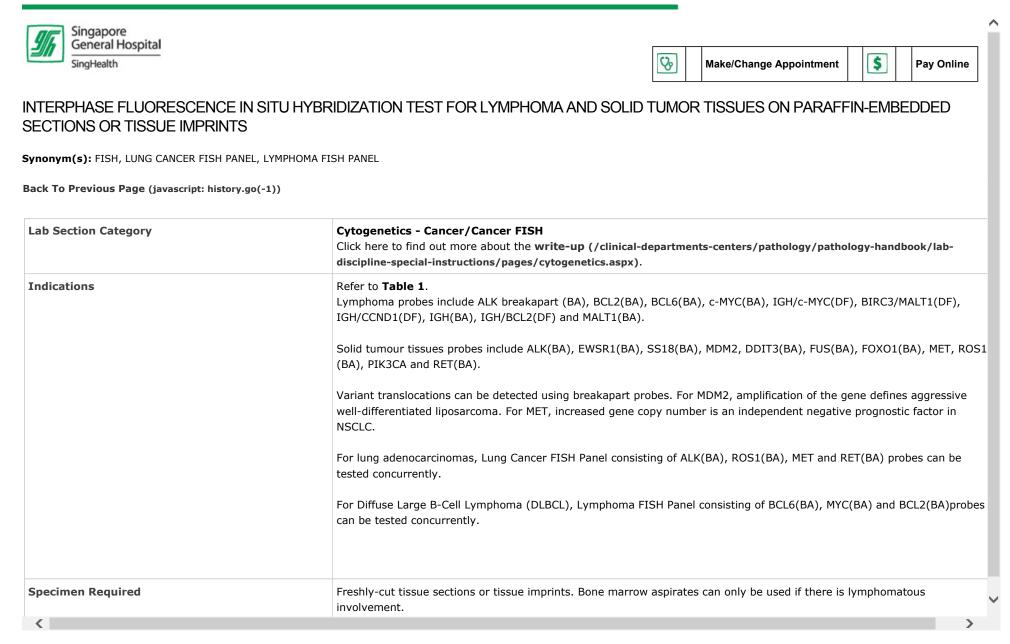
SharePoint Newsfeed (http://mysite.sppub:80/default.aspx) OneDrive (http://mysite.sppub:80/\_layouts/15/MySite.aspx?MySiteRedirect=AllDocuments) Sites (http://mysite.sppub:80/\_layouts/15/MySiteRedirect=AllDocuments)



Storage and Transport	The FISH test is optimal with freshly-cut tissue samples. Tissue sections should preferably be prepared between 4-6mm in thickness on coated/postively-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 3 unstained sections for each FISH probe.
Test Result	Normal or Abnormal signal pattern depending on the probe construction. 1. Dual Fusion(DF) probe: Typical abnormal signal pattern is 2 fusions, 1 red and 1 green pattern. Variant pattern is outside the normal range.
	2. Breakapart(BA) probe: Typical abnormal signal pattern is 1 fusion, 1 red and 1 green pattern. Variant pattern is outside the normal range.
	3. Enumeration probe: Ratio of target gene to internal control probe ≥2.0 or >5 copies of the target gene is considered as amplified. FISH 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)

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## **Change History Notes**

• 15 Nov 2012 09:00 AM

Updated the following sections:

- Indications
- Test Result
- Turnaround Time (to within 10 days.)

• 02 Feb 2015 11:31 AM

Included 2 new FISH Panel tests - Lung Cancer FISH Panel and Lymphoma FISH Panel that were offered with effect from 1 Sep 2014 and 20 Oct 2014 respectively.

- 07 Dec 2015 05:12 PM
  - Updated the following sections:
  - Indications
  - Storage and Transport

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https://www.sgh.com.sg/Clinical-Departments-Centers/Pathology/Pathology-Handbook/Lab-Discipline-Special-Instructions/Tests/Pages/... 22/10/2018

>

- Test Result

- Turnaround Time (3 ~ 10 days)

• 06 Jul 2017 11:07 AM

- Updated the test result for ISCN, 2013 to ISCN, 2016

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