



INTERPHASE FLUORESCENCE IN SITU HYBRIDIZATION PANEL TEST FOR MULTIPLE MYELOMA HYPERDIPLOIDY

Synonym(s): MM HYPERDIPLOIDY FISH PANEL

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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	FISH DNA probes: <i>CEP 9</i> , <i>CEP 11</i> and <i>CEP 15</i> are used in the detection of hyperdiploidy in multiple myeloma (MM). A positive hyperdiploid result indicates a favourable outcome.
Specimen Required	Bone marrow in sodium/lithium heparin.
Method	Fluorescence In Situ Hybridization using direct-labelled FISH DNA probes are hybridized to target loci and analysed under fluorescence microscopy. The probes include: <i>CEP 9</i> , <i>CEP 11</i> and <i>CEP 15</i> .
Test Result	Positive or Negative for the FISH panel. 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)
Remarks	The FISH Panel test is charged as a separate test from any accompanying cytogenetic test.

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Change History Notes



- **15 Nov 2012 09:03 AM**
Updated Turnaround Time to within 10 days.
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- **07 Dec 2015 05:18 PM**
Updated Turnaround Time: 3 ~ 10 days
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- **06 Jul 2017 11:16 AM**
- Updated the test result for ISCN, 2013 to ISCN, 2016
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