



Case ID	102240110155
Patient Name	L.M.H IRANGANI
Age/Sex	76 Year /Female
Hospital Location	Colombo, Colombo, Sri Lanka
Hospital Name	Aegle Omics (Private) Limited, Colombo
Physician Name	Dr. Mahendra Perera
Date & Time of Accessioning	06/08/2024 16:29 Hrs
Date & Time of Reporting	07/08/2024 18:55 Hrs

### TEST NAME

C-Myc Gene Rearrangement

### SPECIMEN INFORMATION

FFPE Block Collected on 01/08/2024 at 00:00 Hrs labelled as 1706/KGH/24

### CLINICAL HISTORY

Non-Hodgkin's lymphoma.

### METHODOLOGY

Fluorescence In Situ Hybridization

### DIAGNOSIS

#### FISH MARKER

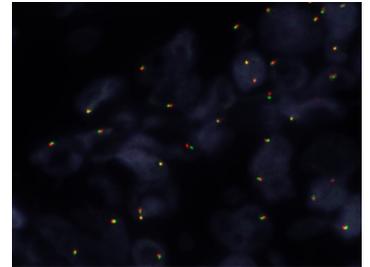
#### C-Myc Gene Rearrangement

Total number of cells scored	100
% of tumor cells with gene rearrangements	6
% of tumor cells with no gene rearrangements	96

**Probe used:** HEALTHCARE MYC BREAK APART Probe. MYC5': Orange, MYC3': Green

#### RESULT

#### NEGATIVE



### INTERPRETATION

Minimum of 100 cells is scored. MYCC gene rearrangement is reported positive if more than 15% of the cells show break-apart signal.

### COMMENTS

- MYC is a potent oncogene initially identified as the target of the t(8;14)(q24;q32) chromosome translocation in Burkitt lymphoma. MYC gene alterations have been identified in other mature B-cell neoplasms that are usually associated with an aggressive clinical behavior.

#### Disclaimer

- Testing only validated for FFPE specimens; specimens fixed in other than 10% neutral buffered formalin have not been validated using this method. Fixation time should not be less than 6 hours and not more than 72 hours for FISH testing.
- Specimens placed in decalcifying solution may have a false-negative result.
- This test is not FDA approved / cleared for specific uses.
- Repeat testing is recommended for discordant results.



## Question?

Contact us at **+91 124 4615 615**

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The test was processed in Lab 102.