

Case ID	102240108830
Patient Name	K.D WIJESENA
Age/Sex	56 Year /Female
Hospital Location	Colombo, Colombo, Sri Lanka
Hospital Name	Aegle Omics (Private) Limited, Colombo
Physician Name	Prof. Dr. Jayantha Balawardana
Date & Time of Accessioning	18/07/2024 18:14 Hrs
Date & Time of Reporting	19/07/2024 14:48 Hrs

TEST NAME

MET

SPECIMEN INFORMATION

FFPE Block Collected on 09/07/2024 at 00:00 Hrs labelled as RP1418/24

CLINICAL HISTORY

Adenocarcinoma

METHODOLOGY

Fluorescence In Situ Hybridization

DIAGNOSIS

FISH MARKER

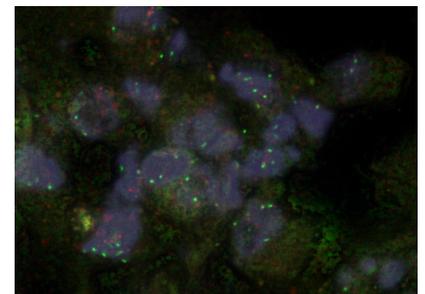
MET

Total number of cells scored	100
Total number of MET signals	245
Total number of CEP7 signals	225
Average MET signals/cells	2.45
Computed Ratio	1.09

Probe used: HEALTHCARE C-MET/CEP7 dual color probe. C-MET: Orange, CEP7: Green

RESULT

NEGATIVE



INTERPRETATION

- MET gene amplification is negative where tumor cells exhibit an average of < 5 copies/cell of the MET gene.
- MET gene amplification is positive where tumor cells exhibit.
 - an average of > 5 copies/cell of the MET gene or MET to CEP7 signals ratio is greater than or equal to 2.
 - MET to CEP 7 ratio of 2.0 or more.

COMMENTS

- MET gene amplification is seen in 2-4% of previously untreated non small cell lung carcinomas and 5-20% of patients with EGFR mutated tumours with acquired resistance to EGFR. Increased copy number of MET has been associated with poor prognosis in patients with NSCLC.
- Various studies have shown that MET amplified tumours respond favourably to therapy with Crizotinib, an inhibitor of MET and ALK.

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



Shivani
 Dr. Shivani Sharma, DCP, DNB, DipRCPPath.
 Reg. No. 1906

Sonika
 Dr. Sonika, Ph.D



MC-2256



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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**

Toll Free Helpline **+91 8882899999**

CONDITIONS OF REPORTING

1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient named or identified in the bill/test request form.
2. The test results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory.
3. The reported results are for information and are subject to confirmation and interpretation by the referring doctor.
4. Some tests are referred to other laboratories to provide a wider test menu to the customer.
5. Core Diagnostics Pvt. Ltd. shall in no event be liable for accidental damage, loss, or destruction of specimen, which is not attributable to any direct and mala fide act or omission of Core Diagnostics Pvt. Ltd. or its employees. Liability of Core Diagnostics Pvt. Ltd. for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.

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The test was processed in Lab 102.