

CMET-Screening Immunohistochemistry Test Report

Patient Name	A.H.M Aruna Rohantha	Order ID	1201686
Age / Gender	58 Years / Male	Sample ID	8970656
Physician	Dr. Mahendra Perera	Collection Date	NA
Customer	MCC18718-Aegle Omics Private Limited	Sample Received Date	17-02-2025 11:45 AM
Report Date	25-02-2025 06:44 PM	Report Status	Final

Lab/Biopsy No : MBI-575-25**Clinical Details** : Pleural biopsy –Metastatic Carcinoma in a Suspected case of Ca Lung**Specimen received** : One block**Gross Examination** : One block labelled as XL-2095**Immunohistochemistry Microscopy**

Tumor cells show no cytoplasmic membranous immunoreactivity to cMET antibody.

Viable tumor cell content on sections examined is approximately 35%.

Test interpretation/Result:

Negative for CMET expression

COMMENTS : H Score method :- H score which is the sum of products of multiplying intensity (0, 1,2, and 3) by extent of each staining intensity (%). H-scores range from 0 to 300. The definition of intensity is as follows: 0 for no detectable staining, 1+ for weak reactivity, 2+ for moderate reactivity and 3+ for strong reactivity.

Moderate to strong cytoplasmic membrane staining intensity of atleast 50% of invasive tumor cells is required to interpret as positive for cMET expression in NSCLC. Confirmation of equivocal and positive cMET gene amplification is recommended by FISH test.

NOTE: Positive and negative controls run with the test are satisfactory.

This assay has not been validated on decalcified tissue result should be interpreted with caution. Given the likelihood of false negativity of decalcified specimen testing on non-decalcified FFPE tissue is recommended. Specimen should be processed by routine tissue processing method. Inappropriate fixation (non formalin) and processing may give erroneous result.

Source of antibody with details of clone:**cMET: SP44** Rabbit Monoclonal Primary Antibody Roche Ventana.

Secondary detection: Ventana UltraView DAB detection kit.

The performance characteristics of this assay has been determined by MedGenome.

Performance characteristics refer to the analytical performance of the test.

Reference: 1) Dziadziuszko, Rafal et al. "Correlation between MET Gene Copy Number by Silver in Situ Hybridization and Protein Expression by Immunohistochemistry in Non-Small-Cell Lung Cancer." Journal of Thoracic Oncology 7.2 (2012): 340–347.

2) Giovanni et al. CMET Signaling pathway in cancer, Scientific overview and clinical trails management. White paper,Quintiles,2015.

Enclosed: One block

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Verified By

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KMC Reg No. 96079



Approved By

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*****End of Report*****

CONDITIONS OF LABORATORY TESTING AND REPORTING

Medgenome Labs Ltd, Bangalore, Karnataka, India

- Laboratory results should be used with other clinical information to determine a final diagnosis.
- In case of unexpected test results please contact the laboratory. We will investigate and repeat analysis if possible.
- The medical report must be viewed and reproduced as a whole
- This medical report is not intended for medico-legal purposes.
- The medical report is to be interpreted and used by medical personnel only
- Assays are performed and reported in accordance with the stated schedule.
- There may be circumstances beyond our control that delay results, e.g., invalid assay run.
- The results of a laboratory test are dependent on the quality of the sample as well as the assay procedure.
- A requested test may not be carried out if:
 - Sample is insufficient or inappropriate
 - Sample quality is unsatisfactory
 - Request for testing is withdrawn by the ordering doctor or patient
- There is discord between the labelling of the sample container and the name on the test requisition.
- For any query contact customer support : +91(0)8067154932/33
