



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 14:47 Hrs

TEST NAME

ALK Fusion

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

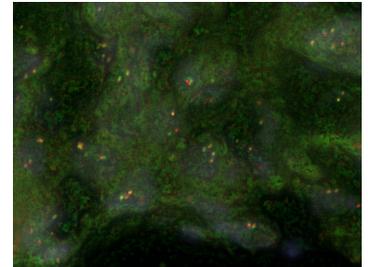
ALK Fusion

Total number of cells scored	100
% of tumor cells with ALK rearrangements	3
% of tumor cells with no ALK rearrangements	97

Probe used: HEALTHCARE ALK BREAK APART Probe. ALK5': Orange, ALK3': Green

RESULT

NEGATIVE



COMMENTS

1. If positive cells are < 15% the sample is considered as negative. If positive cells is \geq 15% the sample is considered as positive.
2. ALK gene located on chromosome 2 also known as Anaplastic Lymphoma Receptor Tyrosine Kinase gene. Mutation of this gene causes constructive activities of growth signaling pathways.
3. Non Small Cell Lung Cancers that are positive for ALK gene rearrangement are eligible for therapy by FDA approved drug Crizotinib.
4. ALK gene rearrangement are seen in 2 to 7% of lung cancer patients who are light or non smokers.

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.



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

Sonika
 Dr.Sonika, Ph.D



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.
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406, Udyog Vihar, Phase III, Gurgaon-122016

CORE Diagnostics Lab - New Delhi (103)

C-13, Green Park Extension, New Delhi-110016

CORE Diagnostics Lab - Bangalore (105)

1st Floor, KMK Tower, 142 KH Road, Bangalore-560027

CORE Diagnostics Lab - Lucknow (109)

J.S. Tower, Plot No. K-702, Sector-K, Ashiyana,
Near Raj Luxmi Sweets, Lucknow-226012

CORE Diagnostics Lab - Bhubaneswar (108)

Plot No. 249, Near Police Academy, AIIMS Nagar,
Patrapada, Bhubaneswar-751019

CORE Diagnostics Satellite Lab (110)

New Delhi 67, Hargobind Enclave, New Delhi - 110092

CORE Diagnostics and Realab Diagnostics (111)

New Delhi H64, Block H, Bali Nagar, New Delhi, Delhi 110015

CORE Diagnostics Satellite Lab

Guwahati Ground Floor, Honuram Boro Path, Shubham Velocity, GS Road, Dispur, Kamrup Metropolitan
Guwahati, Assam - 781005

The test was processed in Lab 102.