

Case ID 102240085870
Patient Name AMINATH NASHIDA
Age/Sex 43 Year /Female
Hospital Location Colombo, Colombo, Sri Lanka
Hospital Name Aegle Omics (Private) Limited, Colombo
Physician Name Dr. Mahendra Perera
Date & Time of Accessioning 29/05/2024 11:24 Hrs
Date & Time of Reporting 01/06/2024 12:15 Hrs



TEST NAME

BCR-ABL1 t (9;22)

SPECIMEN INFORMATION

Peripheral Blood Collected on 27/05/2024 at 00:00 Hrs

CLINICAL HISTORY

Chronic pain

METHODOLOGY

Fluorescence In Situ Hybridization

DIAGNOSIS

FISH MARKER

BCR-ABL{t(9;22)(q34;q11)}

Total number of cells scored	200
% of cells positive for BCR-ABL	0
% of cells negative for BCR-ABL	100

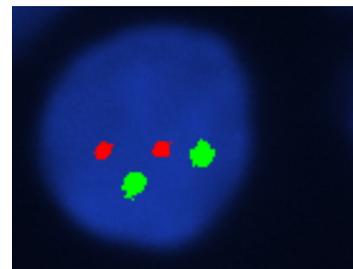
Nomenclature: nuc ish(BCR,ABL1)x2[200]

Probe used: Healthcare BCR/ABL Dual Color Probe. ABL: Orange, BCR: Green

Cut off for normal individual > 10%

RESULT

NEGATIVE



INTERPRETATION

1. BCR-ABL{t(9;22)(q34;q11)} is not present in any of the interphase cells studied.
2. Clinical, hematologic, and molecular correlation is recommended.

COMMENTS

1. The balanced translocation between the long arms of chromosomes 9 and 22, t(9;22)(q34;q11), leading to the formation of a derivative 22 that contains the fusion product of BCR-ABL gene, namely, the Philadelphia chromosome (Ph).
2. Ph chromosome is most commonly seen in Chronic Myeloid Leukemia and also seen in adult ALL (10% to 25%), childhood ALL (2% to 6%), and rarely in acute myeloid leukemia (AML).
3. The BCR-ABL fusion product is an abnormal tyrosine kinase that plays the role of a driver mutation in the leukemogenesis of Ph positive hematological malignancies.

Disclaimer : This test is not FDA approved / cleared for specific uses.



Question?

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The test was processed in Lab 102.