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Padma Shri

FAIR HONORARY PHYSICIAN TO THE PRESIDENT OF INDIA



Vandana Lal  
Dr. Vandana Lal  
M.D (PATH), IFCAP  
Chief of Pathology  
SHRI RAMANI AWARD WINNER

Name : Baby ANCHITA BARUAH

Lab No. : 123857145 Age : 4 Years Gender: Female

A/c Status : P Ref by : dr sameer bakshi aiims

Collected: 20-11-2015 13:16:00

Received: 20-11-2015 13:16:36

Reported: 24-11-2015 15:52:38

Report Status: Final

## Fluorescence in-situ Hybridization (FISH)

### BCR - ABL t(9;22) Translocation Assay

Specimen : Bone marrow.

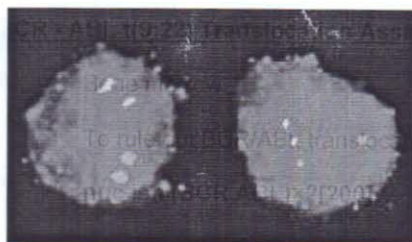
Clinical Indication : To rule out BCR/ABL translocation.

Result : nuc ish (BCR,ABL)×2[200].

200/200 (100%) interphase nuclei show normal 2O 2G signals for BCR/ABL.

Interpretation : Specimen is negative for t(9;22)(q34;q11.2).

Interphase nuclei analyzed	Normal nuclei 2 Orange 2 Green signals	Abnormal nuclei 1 Orange 1 Green 2 Yellow signals
200	200	00



Probe: ZytoLight SPEC BCR/ABL1 Dual Color Dual Fusion Probe.

**Comments:** t(9;22)(q34;q11.2) is the hallmark of almost all cases of Chronic Myeloid Leukemia (CML). In 5 to 10% of CML patients, the BCR/ABL gene fusion occurs in the absence of a cytogenetically detectable Ph chromosome as a result of more complex rearrangements. It is also seen in 25-30% cases of adult ALL and 2-5% of childhood ALL and is associated with an adverse outcome. It is rarely seen in other leukemias.

Cut off for the normal individual is 4%.

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