PATIENT NAME	**DEVIKA**	PIN No.	**PIN310824116426**
AGE	**65 Years**	TIN No.	**TIN310824169935**
SEX	**FEMALE**	COLLECTION DATE, TIME	**30 Aug 2024, 18:00**
REF. DOCTOR	**Dr.**	RECEIVING DATE, TIME	**31 Aug 2024, 15:00**
LOCATION	**HYDERABAD**	REPORTING DATE, TIME	**03 Sep 2024, 18:14**
CLIENT	**SAGEPATH LABS PVT LTD**	SAMPLE TYPE	**WB EDTA**

PML/RARα QUANTITATIVE ASSAY by Real Time PCR

Test Description	Test Report	Reference Range	
PML/RARα (bcr1 & bcr3)	**PML-RARα (bcr1) /abl**	Sample	Average % **PML-RARα**
	NOT DETECTED (0%)	Negative	< 0.000157%
		Low +ve	0.00430%
		Moderate + ve	0.954%
		High +ve	12.25%

Amplification Plot
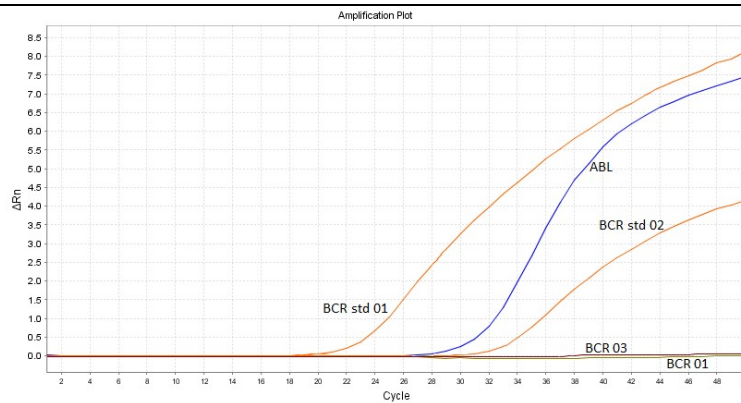
color	marker	Target	Ct	Conc. (copies)
	BCR 3	Standard	22.80	100,000
	BCR 1	Standard	30.17	10,000
	ABL	Target	23.42	96,475
	BCR 3	Target	––	––
	BCR 1	Target	––	––

RESULT : Specimen is **NOT DETECTED** for bcr1 and bcr3 markers of PML-RARα fusion transcript t(15;17)

INTERPRETATION

Real-time PCR is a sensitive, specific and precise method for quantification of nucleic acids over a vast dynamic range. This testing method combines real time PCR technique with **Taqman chemistry** for the detection of amplified product. In the present protocol bcr3 and bcr1 fusion fragments are amplified and quantified with standards and referral internal control (abl).

END OF THE REPORT

SRIDEVI V
Consultant Molecular Biologist

Dr. V. V. RAMACHANDRA RAO
Authorized Signatory

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