



বঙ্গবন্ধু শেখ মুজিব মেডিক্যাল বিশ্ববিদ্যালয়
Bangabandhu Sheikh Mujib Medical University
DEPARTMENT OF MICROBIOLOGY

Patient ID:	48316	Lab ID:	09/11
Patient Name:	JAMAL UDDIN	Sample Collected	11-11-2023
Age:	53 YRS	Sample received	11-11-2023
Gender:	Male	Report delivered	15-11-2023
Referred by:		Status	Finalized

BCR/ABL Screening Assay, Qualitative.

Qualitative Result:


MBCR-ABL1(P210)(major)	BCR/ABL1 mRNA transcripts were detected
mBCR-ABL1(P190)(minor)	No BCR/ABL1 mRNA transcripts were detected
μ BCR ABL1(P230)(micro)	No BCR/ABL1 mRNA transcripts were detected

Note: This qualitative assay detects the presence or absence of BCR ABL1m RNA transcripts. It detects BCR-ABL1 fusion forms including e13/e1-a2,(P210)e1-a2(P190) and e19-a2(p230) transcripts. This assay is intended to identify but not quantitate the specific fusion form of BCR ABL1 at the time of diagnosis.

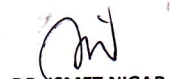
BCR-ABL, t(9;22) translocation occurs in >90% in CML cases and also present in 25-30% adult ALL, 2-10% in pediatric ALL and occasionally in AML. BCR-ABL positive cases need flowcytometric Immunophenotyping to confirm/exclude CML, ALL and AML for proper treatment regime.

Technical Information:

Specimen tested: Whole blood
Method Used: Reverse Transcriptase Polymerase Chain Reaction (RT-PCR).
Kit Used: TRUPCR India (CE, IVD approved)
Limit of detection: 1.76 copies of BCR-ABL1 transcript


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