



**TATA MEMORIAL CENTRE**  
**Advanced Centre for Treatment, Research and Education in Cancer**

Kharghar, Navi Mumbai - 410 210, INDIA  
 Tel. +91-22-2740 5000 Fax: +91-22-2740 5085  
 E-mail: mail@actrec.gov.in Website : http://actrec.gov.in



**DIAGNOSTIC SERVICES - HEMATOPATHOLOGY**

Certificate      View Report

<b>Case No :</b> CU/33908	<b>Requisition No.</b> AFOZ/FC/25/014643
<b>Name :</b> Mastr MIKAEL NAEEM KHAN	<b>Nature of material</b> BONE MARROW
<b>Gender/ Age (yrs)/ Category /Status :</b> M // 6 Years	/ C/ Out Patient
<b>LabNo:</b> M25005596      IP25010543	DMG DMG - PAED HEM-LYMPH

**FINAL BONE MARROW REPORT**

Indication: DIAGNOSTIC RELAPSE

**MORPHOLOGY**

**Cellularity** Dilute yet cellular

**Erythroid Series**

**Megakarvocytic Cells**

**Cellularity** Occasional

**Cellularity** Not seen

**Erythroid Cells %** 02

**Mveloid Series %**

**Lymphoid Series %**

**Polymorphs** 04

**Lymphocytes** 06

**Abnormal Cells/ Blasts** 88 % Blasts

**CYTOCHEMISTRY**

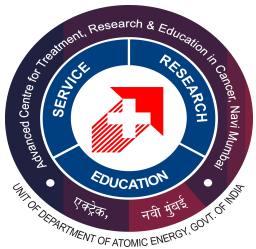
**MPO** Negative

**IMMUNOPHENOTYPIC PROFILE**

Immunophenotyping analysis results are as follows : Kindly note that the below results were determined on 89.6% of the gated event on Side scatter/CD45 plots

<b>CD34</b> Variable	<b>CD45</b> Dim-Neg	<b>CD38</b> Dim-Mod
<b>HLA-DR</b> Dim-Mod	<b>CD25</b> Negative	<b>CD44</b> Dim
<b>CD9</b> Variable	<b>CD10</b> Bright	<b>CD20</b> Neg(0.46%)
<b>CD19</b> Vari(79.45%)	<b>CD22</b> Dim(97.9%)	<b>CD73</b> Variable
<b>CD304</b> Dim	<b>CRLF2</b> Neg(0.34%)	<b>CD86</b> Negative
<b>CD123</b> Negative	<b>CD371</b> Negative	<b>NG2</b> Negative
<b>CD27</b> Negative	<b>CD66 b</b> Negative	<b>CD1a</b> Negative
<b>CD2</b> Negative	<b>CD4</b> Negative	<b>CD7</b> Negative
<b>CD8</b> Negative	<b>CD16</b> Negative	<b>CD56</b> Negative
<b>sCD3</b> Negative	<b>CD48</b> Negative	<b>CD11b</b> Negative
<b>CD13</b> Negative	<b>CD15</b> Subset	<b>CD33</b> Variable
<b>CD117</b> Negative	<b>CD36</b> Negative	<b>CD64</b> Negative
<b>CD14</b> Negative	<b>CD11c</b> Negative	<b>CD42b</b> Negative
<b>TdT</b> Negative	<b>cyCD3</b> Negative	<b>AMPO</b> Negative
<b>cyCD79a</b> Positive	<b>CD5</b> Negative	<b>TCR GD</b> Negative
<b>CD177</b> Negative		

<b>Instrument</b> BC Dx Flex	<b>Cell Preparation Method</b> Bulk-Lyse-Stain-Wash	<b>No. of events acquired</b> 239954
<b>Software</b> Kaluza(BC)	<b>Acquisition Technologist</b> MR. NILESH DESHPANDE	



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Indication: DIAGNOSTIC RELAPSE

**Impression** Morphologic & immunophenotypic findings are consistent with relapse in a known patient with B cell precursor acute lymphoblastic leukaemia.  
**Advise:**  
Cytogenetic and molecular genetic studies.

Req Dt/Time	18-12-2025	/	4:03:34PM
Coll. Dt/Time :	18-12-2025	/	5:22:41PM
Recd. Dt/Time :	19-12-2025	/	9:15:58AM
Prelim Dt/Tm :	22/12/2025	/	4:45:30PM
Commit Dt/Time	24-12-2025	/	2:25:35PM

**Entered By**  
POURNIMA CHANGO BHOIR

**Prepared By**  
DR. DIBYANSHU S MOHAPATRA

**Finalized By**  
DR. NIKHIL PATKAR  
CLINICIAN SCIENTIST & PROFESSOR IN  
HAEMATOPATHOLOGY (SO G)

"This laboratory diagnostic report relates only to the sample submitted. This report has been electronically verified and authorized for release and do not need physical signatures."