



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

Kharghar, Navi Mumbai - 410 210, INDIA
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Certificate View Report



DIAGNOSTIC SERVICES - HEMATOPATHOLOGY

Case No : CU/33908	Requisition No. AFOZ/FC/26/000722
Name : Mastr MIKAEL NAEEM KHAN	Nature of material BONE MARROW
Gender/ Age (yrs)/ Category /Status : M // 6 Years	/ C / Out Patient
LabNo: M26000274 IP26000523	DMG DMG - PAED HEM-LYMPH

FINAL BONE MARROW REPORT

Indication: MRD

MORPHOLOGY

Cellularity Dilute yet cellular

Erythroid Series

Cellularity Adequate

Erythroid Cells % 15

Mveloid Series %

Myelocytes	10
Metamyelocytes	05
Polymorphs	18
Eosinophils	05
Monocytes	09

Megakaryocytic Cells

Cellularity Adequate

Lymphoid Series %

Lymphocytes 36

Abnormal Cells/ Blasts 02 % Blasts

IMMUNOPHENOTYPIC PROFILE

Immunophenotyping analysis results are as follows : Kindly note that the below results were determined on 0.15% of the gated event on Side scatter/CD45 plots

CD45	Negative	CD34	Dim	CD38	Dim-Neg
CD19	Moderate	CD20	Small subset	CD10	Bright
CD73	Moderate	CD81	Dim	CD86	Dim
CD123	Negative	CD304	Dim	CD22	Dim
CD200	Negative				

Instrument	BC Dx Flex	Cell Preparation Method	Bulk-Lyse-Stain-Wash	No. of events acquired	6399636
Software	Kaluza(BC)	Acquisition Technologist	MR. NILESH DESHPANDE		

Impression Dilute yet cellular bone marrow with 02% blasts / hematogones.
 Independent immunophenotypic analysis revealed 0.15% residual B-cell acute lymphoblastic leukemia in a known case.
 Correction Factor:1.27



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Comments

There is no evidence of hemodilution in the sample received.
 Immunophenotypic Findings:
 Note: Limit of Detection (LOD, 10 events) & Limit of quantitation (LOQ, 44 events) was respectively 0.0002% and 0.007%.
 (1) CD34+ non-B precursor in MNC = 1.7%;
 (2) Plasma cells in MNC = 0.1%;
 (3) Hematogones in MNC = 0.6%;
 (4) CD36+ NRBC in nucleated cells = 4.1%;
 (5) CD117+ precursors in nucleated cells = 5.1%;
 (6) CD10+Grans of all granulocytes = 36.5%;
 (7) CD117+ Mast cells in nucleated cells = 0.02%
 (For LOD and LOQ refer to Tembhare, PR et al. Cytometry Part B 2019; 00B: 1- 11, <https://doi.org/10.1002/cyto.b.21831>).

Req Dt/Time	16-01-2026	/	3:24:03PM
Coll. Dt/Time :	16-01-2026	/	3:34:18PM
Recd. Dt/Time :	17-01-2026	/	9:20:02AM
Prelim Dt/Tm :	20/01/2026	/	3:37:12PM
Commit Dt/Time	22-01-2026	/	11:54:45AM

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"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."