

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name	: Mr. HM20	Billing Date	: 07/07/2023 12:24:24
Age	: 35 Yrs	Sample Collected on	: 10/07/2023 10:01:31
Sex	: Male	Sample Received on	: 10/07/2023 11:02:13
P. ID No.	: P1000100012794	Report Released on	: 20/07/2023 13:37:08
Accession No	: 10002304850	Barcode No.	: 10002304850-01
Referring Doctor	: Self	Ref no.	:
Referred By	:		

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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HAEMATOLOGY

Bone Marrow Aspiration Smears

Sample: Bone Marrow

Peripheral Smear:

RBC- Moderate anemia with microcytic hypochromic red cells

WBC- ~18% blast cells noted having high N/C ratio, moderate amount of basophilic cytoplasm and prominent nucleolus

Platelets- Reduced on smear

Bone Marrow Aspirate:BM/53/23

Particles: Present

Cellularity- Cellular for age

M: E Ratio- cannot be assessed

Erythropoiesis- Normoblastic to micronormoblastic erythroid maturation.

Myelopoiesis -Normal maturation is suppressed

Megakaryocytes- Both mature and immature forms seen

Lymphocytes: Normal in number and morphology. Plasma cells are mildly increased. Few binucleate reactive forms seen



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Atypical Cell: ~ 22% of nucleated population is composed of blast cells having high N/C ratio, moderate amount of basophilic cytoplasm and prominent nucleolus

No hemoparasite seen.

Myelogram: (500 nucleated cells counted)

Blasts	28%
Promyelocytes	01%
Myelocytes	07%
Metamyelocyte	10%
Neutrophils + Band forms	05%
Lymphocytes	19%
Erythroids	18%
Plasma cells	08%
Monocytes	04%

Impression: Peripheral smear and bone marrow morphology is suggestive of **Acute Leukemia**

Advice:

1. Flow cytometry for further characterization
2. Correlation with bone marrow biopsy findings.



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**** End of Report****



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Senior Consultant

