

## Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No/UHID
MaxID/Lab ID	Collection Date/Time
Ref Doctor	Reporting Date/Time

### Hematology Special



### Flow Cytometry-Immunodeficiency Panel

**Flow Cytometry Number:** IM 034/2023

Specimen Type: Peripheral Blood  
 TLC (Total Leukocyte Count):  $7.2 \times 10^9/L$  (4.0-10.0)  
 Gating Strategy: SS vs CD45  
 Staining Method: Stain - Lyse - Wash  
 Equipment/ Software details: NAVIOS / Kaluza 2.1 Software  
 Total gated Lymphocytes: 63.0 %

On flow cytometry of peripheral blood

Total CD3+ cells	2862.7	cells/ul	63.11	% of gated lymphocytes
Total CD3+/CD4+ cells (Helper T cells)	1923.3	cells/ul	42.40	% of gated lymphocytes
Total CD3+/CD8+ cells	930.8	cells/ul	20.52	% of gated lymphocytes
CD4:CD8 Ratio	2.0:1			
CD19+B cells	1530.0	cells/ul	33.73	% of gated lymphocytes
CD16+/CD56+ NK cells	68.0	cells/ul	1.50	% of gated lymphocytes

cMPO expression on neutrophils is normal.

Monocytes show normal expression for CD11b and CD11c.

### IMPRESSION:

No deficient population of T & B lymphocytes seen on flow cytometry of peripheral blood with preversed CD4:CD8 ratio. NK cells are reduced.

**Advise:** Kindly correlate with clinical features.

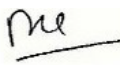
Expected reference range for T cell at this age is 1900 - 5900 cells/ul  
 Expected reference range for B cell at this age is 610 - 2600 cells/ul  
 Expected reference range for NK cell at this age is 160 - 950 cells/ul

Kindly correlate with clinical findings

\*\*\* End Of Report \*\*\*



**Dr. Poonam S. Das, M.D.**  
 Principal Director-  
 Max Lab & Blood Bank Services



**Dr. Dilip Kumar M.D.**  
 Associate Director &  
 Manager Quality



**Dr. Nitin Dayal, M.D.**  
 Principal Consultant & Head,  
 Haematopathology

Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017  
 Booking Centre :1066 - Max Hospital Mohali, Near Civil Hospital, Phase-6, Mohali  
 The authenticity of the report can be verified by scanning the Q R Code on top of the page

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Max Lab Limited (A Wholly Owned Subsidiary of Max Healthcare Institute Ltd.)

Max Lab, Max Super Speciality Hospital, Mohali: Near Civil Hospital, Phase-6, Mohali, Punjab-160055,  
 Phone: +91-172-521 2000 | (CIN No.: U85100DL2021PLC381826)

Helpline No. 7982 100 200 | [www.maxlab.co.in](http://www.maxlab.co.in) | [feedback@maxlab.co.in](mailto:feedback@maxlab.co.in)

**Conditions of Reporting:** 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The test results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory. 3. The reported results are for the information and interpretation by the referring doctor only. 4. Some tests are referred to other laboratories to provide a wider test menu to the customer. 5. Max Healthcare shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and mala fide act or omission of Max Healthcare or its employees. Liability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.



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