



**Laboratory Investigation Report** 

Patient Name : Mast.Gurbaaz Singh Centre : 1066 - Max Hospital Mohali

Age/Gender · 0 Y 6 M 17 D /M OP/IP No/UHID : IP/190592/MHLI-GNDFLR-PICU/MO-PICU-01/

MaxID/Lab ID : MHLI.535193/0795022316958 Collection Date/Time : 23/Feb/2023 05:26PM Ref Doctor : Manu Sharma Reporting Date/Time : 24/Feb/2023 03:58PM

**Hematology Special** 



## Flow Cytometry-Immunodeficiency Panel

Flow Cytometry Number: IM 034/2023

Specimen Type: Peripheral Blood

**7.2** x 10^9/L TLC (Total Leukocyte Count): (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 neutophils 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

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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

Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017



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