



## TEST REPORT

Lab. Id	: P2713578	Hosp. UHID	:	Reg. Date	: 29-Sep-2024 / 09:56 AM
Name	: MS. ADHILA SAINUDHEEN			Collection	: 29-Sep-2024 / 10:18 AM
Age/Gender	: 24Y / Female			Received	: 29-Sep-2024 / 13:30 PM
Collected At	: FPEC PONJASSERRY			Report	: 29-Sep-2024 / 14:55 PM
Referral Dr	: -	Report Status	: Final	Print	: 29-Sep-2024 / 14:59 PM
Bed	:				

## Haematology

Investigation	Observed Value	Unit	Biological Ref. Interval	Specimen
<b>COMPLETE BLOOD COUNT</b>				
<b>RBC Parameters</b>				
<b>Haemoglobin</b> Method:Photometry	<b>11.4</b>	g/dL	12.0-15.0	K2EDTA WB
<b>RBC Count</b> Method:Elect. Impedance	<b>4.37</b>	10 <sup>12</sup> /L	3.8-4.8	K2EDTA WB
<b>PCV</b> Method:Calculated	<b>36.0</b>	%	40.0-50.0	K2EDTA WB
<b>MCV</b> Method:Derived from RBC Histogram	<b>82.4</b>	fl	83.0-101.0	K2EDTA WB
<b>MCH</b> Method:Calculated	<b>26.1</b>	pg	25-33	K2EDTA WB
<b>MCHC</b> Method:Calculated	<b>31.7</b>	gm/dl	31.5-34.5	K2EDTA WB
<b>RDW - CV</b> Method:Derived from RBC Histogram	<b>14.6</b>	%	11.6-14.0	K2EDTA WB
<b>WBC Parameters</b>				
<b>Total WBC Count</b> Method:Light Scattering	<b>8.88</b>	K/uL	4.0-10.0	K2EDTA WB
<b>WBC Differential</b>				
<b>Neutrophils</b> Method:FCM	<b>49.1</b>	%	40.0-80.0	K2EDTA WB
<b>Lymphocytes</b> Method:FCM	<b>43.1</b>	%	20.0-40.0	K2EDTA WB
<b>Monocytes</b> Method:FCM	<b>4.7</b>	%	2.0-10.0	K2EDTA WB
<b>Eosinophils</b> Method:FCM	<b>2.3</b>	%	1.0-6.0	K2EDTA WB
<b>Basophils</b> Method:FCM	<b>0.8</b>	%	0.0-2.0	K2EDTA WB
<b>Absolute Counts</b>				
<b>Absolute Neutrophils</b> Method:Calculated	<b>4.36</b>	K/uL	2.0-7.0	K2EDTA WB
<b>Absolute Lymphocytes</b> Method:Calculated	<b>3.83</b>	K/uL	1.0-3.0	K2EDTA WB
<b>Absolute Monocytes</b> Method:Calculated	<b>0.42</b>	K/uL	0.2-1.0	K2EDTA WB



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Absolute Eosinophils	0.20	K/uL	0.02-0.5	K2EDTA WB
Method:Calculated				
Absolute Basophils	0.07	K/uL	0.0-0.1	K2EDTA WB
Method:Calculated				
Immature Leukocytes	0.2			
<b>Platelet Parameters</b>				
Platelet Count	402	K/uL	150-410	K2EDTA WB
Method:Electrical Impedance/Flowcytometry				
MPV	9.1	fl	9.1-11.3	K2EDTA WB
Method:Impedance Method				
PDW	9.0	%	8.5-14.1	K2EDTA WB
Method:Calculated				
NRBC	0.0			K2EDTA WB
Method:FCM				
PLCR	16.8	%	17-34	K2EDTA WB
Method:FCM				

### Comments:

- A complete blood count (CBC) is a blood test which measures several cellular components of blood and is used to evaluate overall health and detect a wide range of disorders.
- It is used to determine one's general health status; to screen for, diagnose, or monitor a variety of diseases and conditions that affect blood cells, such as anemia, infection, inflammation, bleeding disorder or cancer.
- A decrease in hemoglobin levels/ RBC count lower than the normal reference range for the given age can signify anemia. Further investigation with iron studies, vitamin B12 and folic acid levels will help in determining the cause and assist in further treatment. Red cell indices help in classification of anaemia and give a clue to their etiology. An increase in haemoglobin level may signify polycythemia, dehydration and is often seen in smokers.
- White blood cell (WBC) counts and their differential counts (DC) are used to diagnose infections(bacterial/viral), allergies, inflammatory conditions and leukemias.
- Platelets help in clotting of blood, any substantial decrease may increase the risk of bleeding

### Note

The differential leucocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood as per the recommendation of International council for Standardization in Hematology.



Verified By: 232814

**Dr. Sreelekshmy G**  
MBBS, MD, DNB- Pathology  
Specialist - Pathology



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### Important Instructions:

- Test results released pertain to specimen submitted.
- All results are dependent upon the quality of specimen received in the laboratory.
- Lab investigation is only a tool to facilitate in concluding a diagnosis , and should be clinically correlated by the referring physician.
- Certain tests may require further testing, at an additional cost for derivation of exact value. kindly submit request with in 2 days, post reporting.
- Sample repeats are accepted on request of Referring Physician with in sample stability period.
- Test results may show inter-laboratory variation.
- Results are for informational purposes , and not intended to replace the care of medical practitioner, and does not recommend self-diagnosis and/or self-medication.
- Aster clinical Lab LLP does not make any warranties expressed or implied with respect to information herein.
- Test results are not valid for medico legal purposes.
- The courts/forum at Cochin/Bangalore shall have exclusive Jurisdiction in all disputes/claims concerning the request and/or result of test(s).
- Contact customer care 9680396803 for all queries related to test results

Patient/Client is advised to contact the laboratory immediately, for any possible remedial action, If test result is alarming or unexpected



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## Clinical Pathology

Investigation	Result	Unit	Biological Ref. Interval	Specimen
<b>URINE ROUTINE EXAMINATION</b>				
<b>PHYSICAL EXAMINATION</b>				
Color Method:Colorimetric	Light Yellow		Pale Yellow	Spot urine
Transparency Method:Manual	Clear		Clear	Spot urine
Volume (ml) Method:Manual	15	ml		Spot urine
<b>CHEMICAL EXAMINATION</b>				
Proteins Method:Protein error of Indicator	Nil		Nil	Spot urine
Glucose Method:GOD-POD	Negative		Negative	Spot urine
Specific Gravity Urine Method:Refractometry	1.003		1.001-1.030	Spot urine
pH-Urine Method:pH Indicator	5.5		4.6 - 8.0	Spot urine
Blood Method:Peroxidase	Negative		Negative	Spot urine
Ketones Method:nitroprusside	Negative		Negative	Spot urine
Bilirubin Method:Coupling Reaction	Absent		Absent	Spot urine
Urobilinogen Method:Coupling Reaction	Normal		Normal	Spot urine
Nitrite Method:Griess Test	Negative		Negative	Spot urine
leukocytes Method:Action of Esterase	Negative		Negative	Spot urine
<b>MICROSCOPIC EXAMINATION</b>				
Pus cells Method:Image focussing	1	/HPF	<5	Spot urine
RBC Method:Image focussing	0	/HPF	<2	Spot urine
Epithelial Cells Method:Image focussing	4	/HPF	<5	Spot urine
<b>CASTS</b>				
WBC Method:Image focussing	Absent	/HPF	Absent	Spot urine



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RBC.	Absent	/HPF	Absent	Spot urine
Method:Image focussing				
Granular	Absent	/HPF	Absent	Spot urine
Method:Image focussing				
Hyaline	Absent	/HPF	Absent	Spot urine
Method:Image focussing				
<b>CRYSTALS</b>				
Calcium Oxalate	Absent	/HPF	Absent	Spot urine
Method:Image focussing				
Calcium Carbonate	Absent	/HPF	Absent	Spot urine
Method:Image focussing				
Triple Phosphates	Absent	/HPF	Absent	Spot urine
Method:Image focussing				
Amorphous	Absent	/HPF	Absent	Spot urine
Method:Image focussing				
Uric Acid.	Absent	/HPF	Absent	Spot urine
Method:Image focussing				
Bacteria	5	/HPF	0-2	Spot urine
Method:Image focussing				
Yeast Cells	Absent	/HPF	Absent	Spot urine
Method:Image focussing				

*Just*

Verified By: 184428

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