



DEPARTMENT OF LABORATORY SERVICES
FINAL REPORT

Bill No.	: APHHC240001946	Bill Date	: 09-11-2024 09:32		
Patient Name	: MR. PRABHAT KUMAR	UHID	: APH000030872		
Age / Gender	: 39 Yrs 1 Mth / MALE	Patient Type	: OPD	If PHC	:
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /		
Sample ID	: APH24052493	Current Ward / Bed	: /		
		Receiving Date & Time	: 09-11-2024 10:14		
		Reporting Date & Time	: 09-11-2024 12:12		

HAEMATOLOGY REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: EDTA Whole Blood

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400

CBC -1 (COMPLETE BLOOD COUNT)

TOTAL LEUCOCYTE COUNT (Flow Cytometry)		9.0	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)		5.2	million/cumm	4.5 - 5.5
HAEMOGLOBIN (SLS Hb Detection)		14.1	g/dL	13 - 17
PACK CELL VOLUME (Cumulative Pulse Height Detection)		45.6	%	40 - 50
MEAN CORPUSCULAR VOLUME (Calculated)		88.2	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN (Calculated)		27.3	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION (Calculated)	L	30.9	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		195	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)	H	47.2	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	15.0	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS (Flow-cytometry & Microscopy)		63	%	40 - 80
LYMPHOCYTES (Flow-cytometry & Microscopy)		26	%	20 - 40
MONOCYTES (Flow-cytometry & Microscopy)		8	%	2 - 10
EOSINOPHILS (Flow-cytometry & Microscopy)		3	%	1 - 5
BASOPHILS (Flow-cytometry & Microscopy)		0	%	0 - 1

INTERPRETATION:

A complete blood count (CBC) provides information about the different types and numbers of cells in the blood, including red blood cells, white blood cells, and platelets. It's used to look at overall health and find a wide range of conditions, including anaemia, infection, thrombocytopenia and leukemia.

ESR (Westergren)	H	32	mm/1st hr	0 - 10
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INTERPRETATION:

An erythrocyte sedimentation rate show if there is inflammation in body. High ESR levels are often associated with various inflammatory conditions, infections, autoimmune diseases, and certain cancers. It can also indicate tissue damage or necrosis, as well as chronic diseases like rheumatoid arthritis, lupus, or vasculitis.

** End of Report **

IMPORTANT INSTRUCTIONS

CL - Critical Low, CH - Critical High, H - High, L - Low

Laboratory test results are to be clinically correlated.

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Test results are not valid for Medico - Legal purposes.



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DR. ASHISH RANJAN SINGH
MBBS,MD
CONSULTANT



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Sample ID	: APH24052524	Current Ward / Bed	: /
		Receiving Date & Time	: 09-11-2024 11:21
		Reporting Date & Time	: 09-11-2024 13:17

CLINICAL PATH REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: Urine

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400

URINE, ROUTINE EXAMINATION

PHYSICAL EXAMINATION

QUANTITY		15 mL		
COLOUR		Pale straw		Pale Yellow
TURBIDITY		Clear		

CHEMICAL EXAMINATION

PH (Double pH indicator method)		6.5		5.0 - 8.5
PROTEINS (Protein-error-of-indicators)		Negative		Negative
SUGAR (GOD POD Method)		Negative		Negative
SPECIFIC GRAVITY, URINE (Apparent pKa change)		1.010		1.005 - 1.030

MICROSCOPIC EXAMINATION

LEUCOCYTES		0-1	/HPF	0 - 5
RBC's		Nil		
EPITHELIAL CELLS		0-1		
CASTS		Nil		
CRYSTALS		Nil		
URINE-SUGAR		Negative		

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BIOCHEMISTRY REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: EDTA Whole Blood, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400

BLOOD UREA <small>Urease-GLDH,Kinetic</small>		19	mg/dL	15 - 45
BUN <small>(Calculated)</small>		8.9	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe s Kinetic)</small>	L	0.7	mg/dL	0.9 - 1.3
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		90.0	mg/dL	70 - 100

Note: A diagnosis of diabetes mellitus is made if fasting blood glucose exceeds 126 mg/dL.
(As per American Diabetes Association recommendation)

LIPID PROFILE

CHOLESTROL-TOTAL <small>(CHO-POD)</small>	H	228	mg/dL	0-160
HDL CHOLESTROL <small>Enzymatic Inhibition</small>	L	38	mg/dL	>40
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	149	mg/dL	0-100
S. TRIGLYCERIDES <small>(GPO - POD)</small>	H	358	mg/dL	0-160
NON-HDL CHOLESTROL <small>(Calculated)</small>	H	190.0	mg/dL	0-125
CHOLESTROL-VLDL <small>(Calculated)</small>	H	72	mg/dL	10-35
TOTAL CHOLESTROL / HDL CHOLESTROL <small>(Calculated)</small>		6.0		1/2 Average Risk <3.3, Average Risk 3.3-4.4, 2 Times Average Risk 4.5-7.1, 3Times Average Risk 7.2-11.0
LDL CHOLESTROL / HDL CHOLESTROL <small>(Calculated)</small>		3.9		1/2 Average Risk <1.0, Average Risk 1.0-3.6, 2 Times Average Risk 3.7-6.3, 3 Times Average Risk 6.4-8.0

INTERPRETATION:

- A lipid profile test measures the different types of lipids in the blood. It measures the levels of four different types of cholesterol and triglycerides.
- LDL (low-density lipoproteins): LDL is the cholesterol that is considered "bad cholesterol" because it forms plaques in the arteries and adversely affects heart health. Thus, LDL cholesterol should be maintained in the lower range.
 - VLDL (very low-density lipoproteins): VLDL appears in the blood soon after we have consumed food. A lipid profile is done as a fasting test, and thus, if there is an increased level of VLDL in the blood sample, it can be suggestive of some metabolic disease.
 - HDL (high-density lipoproteins): HDL cholesterol is also known as "good cholesterol" because it helps clear away the bad LDL cholesterol and prevents its build-up.
 - Total cholesterol: It is the sum of all the different types of cholesterol in your body, i.e., LDL + VLDL + HDL.
 - Triglycerides: Our body converts the excess calories into triglycerides and stores it as body fat. High levels of triglycerides are harmful to the heart, liver, and pancreas.

LIVER FUNCTION TESTS (LFT)

BILIRUBIN-TOTAL <small>(DPD)</small>		0.75	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>		0.11	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT <small>(Calculated)</small>		0.64	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Biuret)</small>	H	8.4	g/dL	6 - 8.1
ALBUMIN-SERUM <small>(Dye Binding-Bromocresol Green)</small>		4.7	g/dL	3.5 - 5.2



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S.GLOBULIN (Calculated)		3.7	g/dL	2.8-3.8
A/G RATIO (Calculated)	L	1.27		1.5 - 2.5
ALKALINE PHOSPHATASE (IFCC AMP BUFFER)		112.4	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)		30.7	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)	H	47.4	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)		42.7	IU/L	11 - 50
LACTATE DEHYDROGENASE (IFCC; L-P)		189.6	IU/L	0 - 248

INTERPRETATION:

The LFT test is used to diagnose and monitor liver diseases. It can also provide the information about other health conditions that affect the liver, such as viral or alcoholic hepatitis. If a person is taking medications that can impact on the liver, the test results can indicate whether side effects are occurring.

S.PROTEIN-TOTAL (Biuret)	H	8.4	g/dL	6 - 8.1
URIC ACID (Uricase - Trinder)		7.0	mg/dL	2.6 - 7.2

INTERPRETATION:

High levels of uric acid could be a sign of gout, a condition characterized by inflammation of the joints due to the formation of uric acid crystals. The uric acid level also monitors of a person undergoing the chemotherapy or radiation treatment for cancer.

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HBA1C (Turbidimetric Immuno-inhibition)	5.6	%	4.0 - 6.2
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INTERPRETATION:

HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

- Note:
- 1.A three monthly monitoring is recommended in diabetics.
 2. Since HbA1c concentration represents the integrated values for blood glucose over the preceding 6 - 10 weeks and is not affected by daily glucose fluctuation, exercise and recent food intake, it is a more useful tool for monitoring diabetics.

**** End of Report ****

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CONSULTANT

DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : ULTRASOUND

Patient Name	:	MR. PRABHAT KUMAR	IPD No.	:	
Age	:	39 Yrs 1 Mth	UHID	:	APH000030872
Gender	:	MALE	Bill No.	:	APHHC240001946
Ref. Doctor	:	MEDIWHEEL	Bill Date	:	09-11-2024 09:32:27
Ward	:		Room No.	:	
			Print Date	:	09-11-2024 12:29:23

WHOLE ABDOMEN:

Both the hepatic lobes are mildly enlarged in size and normal in echotexture (Liver measures 15.6 cm)

No focal lesion seen. Intrahepatic biliary radicals are not dilated.

Portal vein is normal in calibre.

Gall bladder is well distended. Wall thickness is normal. No calculus seen.

CBD is normal in calibre.

Pancreas is obscured.

Spleen is normal in size (10.8 cm) and echotexture.

Both kidneys are normal in size and echotexture (Right kidney (9.58 cm), Left kidney (9.83 cm). Cortico-medullary distinction is maintained. No calculus or hydronephrosis seen.

Urinary bladder is distended and appears normal. Wall thickness is normal.

Prostate appears normal in size (Vol. 16.1 cc), outline and echotexture.

No free fluid or collection seen. No basal pleural effusion seen.

No significant lymphadenopathy seen.

No dilated bowel loop seen.

IMPRESSION:- Mild hepatomegaly.

Please correlate clinically.....

.....**End of Report**.....

Prepare By.
MD.SERAJ

DR. ALOK KUMAR, M.B.B.S,M.D,DMRD
CONSULTANT

Note : The information in this report is based on interpretation of images. This report is not the diagnosis and should be correlated with clinical details and other investigation.