

CLINICAL LABORATORY DEPARTMENT

Patient Name : SANKARA PILLAI, DINESH KUMAR **Patient** : 20224675
Date of Birth : 04.12.1967 **Age** : 55 years **Gender** : Male **Order No.** : 2100182929
Nationality : Indian **Collection Date**: 19.03.2023 / 07:38:48
Insurance : NAS ADMINISTRATION SERVICES **Received Date** : 19.03.2023 / 08:42:38
Doctor : VASANTHY, AJITH KUMAR BHASKARAN

Clinical Chemistry Report

Test	Result	Units	Reference Range
Blood sugar -Fasting METHODOLOGY: Enzymatic (Hexokinase) , SPECIMEN: Serum	99.58	mg/dl	70 - 100
Potassium; serum, plasma or whole blood METHODOLOGY: Ion Selective Electrode , SPECIMEN: Serum	4.7	mmol/L	3.5 - 5.5
Transferase; aspartate amino (AST) (SGOT) METHODOLOGY: Enzymatic , SPECIMEN: Serum	11	U/L	0 - 38
Transferase; alanine amino (ALT) (SGPT) METHODOLOGY: Enzymatic , SPECIMEN: Serum	21	U/L	0 - 41
Microalbumin/Creatinine Ratio SPECIMEN: Urine	6.41	mcg/mg	Less than 30 mcg/mg Creatinine : Normal 30-300mcg/mg Creatinine : Microalbuminuria More than 300 mcg/mg Creatinine: Clinical Albuminuria

The test marked with asterisk (*) are done in BMC and currently not under the scope of ISO 15189 : 2012.

**** End of Report ****

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DHA License No : DHA-P-0162474
Verified by : Dr. LISA GARG **Signature** :
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Clinical Chemistry Report

Test	Result	Units	Reference Range
Cholesterol, serum or whole blood, total	118.43	mg/dl	Adult : More than 18 years Normal : < 200 Borderline : 200 - 239 High : > 240 Children : Ages 2 to 17 years. Desirable : < 170 Borderline : 170 - 199 High : > 200
METHODOLOGY: Enzymatic colorimetric , SPECIMEN: Serum			
Lipoprotein, direct measurement; high density cholesterol (HDL cholesterol)	41.82	mg/dl	Adult & Children Low : < 40 Desirable : > 40 (Males), > 60 (Females)
METHODOLOGY: Enzymatic , SPECIMEN: Serum			
Triglycerides	113.25	mg/dl	Adult : More than 18 years Normal : < 150 Borderline : 150 - 199 High : 200 - 499 Very High : > 500 Children : Ages 2 to 17 years Normal : < 89 Borderline High : 89 - 129 High : > 130
METHODOLOGY: Enzymatic , SPECIMEN: Serum			

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LDL - CHOLESTEROL 53.96 mg/dl Adults :
Optimal : < 100
Low Risk : 100 - 129
Borderline High : 130 - 159
High : 160 - 189
Very High : > 190

METHODOLOGY: Enzymatic , SPECIMEN: Serum

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Urine Analysis

Test	Result	Units	Reference Range
<u>Physical Examination</u>			
Colour	P. Yellow		
Appearance	clear		Clear
<u>Chemical Examination</u>			
Specific gravity	1.020		1.002 - 1.03
pH	5.0		4.6 - 8
Nitrates	Negative		Negative
Protein	Negative		Negative
Glucose	4+		Negative
Ketone bodies	1+		Negative
Leucocyte Esterase	Negative		Negative
Bilirubin	Negative		Negative
Urobilinogen	Negative		Normal
Blood	Negative		Negative
<u>Microscopic Examination</u>			

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Pus Cells	3 - 5	/HPF	0 - 2
RBCs	1 - 2	/HPF	0 - 2
Epithelial Cells	1 - 2	/hpf	0 - 4
Casts	Nil		
Crystals	Nil		

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Clinical Chemistry Report

Test	Result	Units	Reference Range
Creatinine; blood METHODODOLOGY: Kinetic Colorimetric (Jaffe's reaction) , SPECIMEN: Serum	0.68	L mg/dL	0.7 - 1.2
eGFR SPECIMEN: Serum	107.6507	ml/min/1.73m2	90 - 120

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Clinical Chemistry Report

Test	Result	Units	Reference Range
Hemoglobin; glycosylated (A1C)	7.3	%	Non Diabetic 4.8 to 5.6% Diagnosing Diabetes \geq 6.5% Therapeutic Goals Adults Goal of therapy $<$ 7.0% Pediatric Toddlers and Preschoolers $>$ 7.5% to $<$ 8.5% 6 - 12 yrs $<$ 8.0% 13 - 18 yrs $<$ 7.5%

METHODOLOGY: Turbidimetric Inhibition Immunoassay , SPECIMEN: EDTA

Estimated Average Glucose 164.06 mg/dl
 SPECIMEN: Whole Blood

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Complete Blood Count

Test	Result	Units	Reference Range
Blood count; hemoglobin (Hgb) METHODOLOGY: Automated Cell counter , SPECIMEN: EDTA	12.60	L g/dL	13.5 - 18
Blood count; hematocrit (Hct) SPECIMEN: EDTA	39.70	L %	41 - 54
RBC SPECIMEN: EDTA	4.73	10 ⁶ / μL	4.7 - 6
MCV SPECIMEN: EDTA	83.90	fL	78 - 100
MCH SPECIMEN: EDTA	26.60	L pg	27 - 31
MCHC SPECIMEN: EDTA	31.70	L g/dL	32 - 36
RDW SPECIMEN: EDTA	14.70	H %	11.6 - 14.4
Platelets SPECIMEN: EDTA	259	10 ³ / μL	150 - 450
WBC SPECIMEN: EDTA	10.33	10 ³ / μL	4 - 10.5
WBC Differential (Heading)			
Neutrophils % SPECIMEN: EDTA	65.70	%	45 - 80
Lymphocytes % SPECIMEN: EDTA	24.80	%	20 - 45
Monocytes % SPECIMEN: EDTA	7.30	%	2 - 10

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Eosinophils % SPECIMEN: EDTA	1.80	%	1 - 5
Basophils % SPECIMEN: EDTA	0.40	%	0 - 1
WBC Differential(Abs Counts)			
Absolute Neutrophil Count SPECIMEN: EDTA	6.79	10 ³ / μL	2 - 7
Absolute Lymphocyte Count SPECIMEN: EDTA	2.56	10 ³ / μL	1 - 3
Absolute Monocyte Count SPECIMEN: EDTA	0.75	10 ³ / μL	0.2 - 3
Absolute Eosinophil Count SPECIMEN: EDTA	0.19	10 ³ / μL	0.02 - 0.5
Absolute Basophil Count SPECIMEN: EDTA	0.04	10 ³ / μL	0.02 - 0.1
IG% SPECIMEN: EDTA	0.60		

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