

Detail Results: Patient Info				Results Info	
Patient Name:	SAURABH RANJAN	Home Phone:	(647)642-3344	Date of Service:	2024-01-02 00:00
Date of Birth:	1986-08-15	Work Phone:		Date Received:	2024-01-04 11:48
Age:	37 years	Sex:	M	Report Status:	Final
Health #:	4832656500	Patient Location:	GDML	Client Ref. #:	
Accession #:		50-26529359			
Requesting Client: M.I. CHAUDHARY				cc: Client:	

CHEMISTRY						
Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
ALBUMIN R U						
ALBUMIN RANDOM U	5	N		mg/L	2024-01-03 05:10:09	F
ALBUMIN/CREAT RATIO	0.4	N	<= 2.99	mg/mmol creat	2024-01-03 05:10:09	F
Normal to mildly increased: < 3.0 mg/mmol creat						
Moderately increased: 3.0 - 30.0 mg/mmol creat						
Severely increased: > 30.0 mg/mmol creat						
GLUCOSE PLASMA FASTING	5.9	N	3.6 - 6.00	mmol/L	2024-01-03 17:43:37	F
3.6 - 6.0 NORMAL FASTING GLUCOSE						
6.1 - 6.9 IMPAIRED FASTING GLUCOSE						
>6.9 PROVISIONAL DIAGNOSIS OF DIABETES MELLITUS						
CREATININE						
CREATININE	78	N	60 - 110.00	umol/L	2024-01-03 17:43:37	F
eGFR	110	N	60 - 99999.99	mL/min/1.73 m*2	2024-01-03 17:43:37	F
eGFR is calculated using the CKD-EPI 2009 equation.						
Normal eGFR.						
HOURS FASTING	12	N		hrs	2024-01-03 17:43:37	F
CHOLESTEROL	4.71	N	<= 5.19	mmol/L	2024-01-03 17:43:37	F
Total cholesterol and HDL-C used						
for risk assessment and to calculate non-HDL-C.						
Effective April 17, 2023,						
please note a change in decision limit.						
TRIGLYCERIDES	2.34	H	<= 1.69	mmol/L	2024-01-03 17:43:37	F
If nonfasting,						
triglycerides <2.00 mmol/L desired.						
Effective April 17, 2023,						
please note a change in decision limit.						
HDL CHOLESTEROL	1.09	N	1.00 - 9999.00	mmol/L	2024-01-03 17:43:37	F
M: >=1.00 mmol/L						
HDL-C <1.00 mmol/L indicates risk for metabolic syndrome.						
Effective April 17, 2023,						
please note a change in decision limit.						
LDL CHOLESTEROL CALC.						
LDL CHOLESTEROL CALC.	2.69	N	<= 3.49	mmol/L	2024-01-03 17:43:37	F
LDL-C was calculated using the						
NIH equation.						

CHEMISTRY						
Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
For additional LDL-C and non-HDL-C thresholds based on risk stratification, refer to 2021 CCS Guidelines. Effective April 17, 2023, please note a change in decision limit.						
Triglycerides exceed 1.50 mmol/L. For dyslipidemia assessment, refer to apoB or non-HDL-C						
NON-HDL-CHOLESTEROL(CALC)	3.62	N	<= 4.19	mmol/L	2024-01-03 17:43:37	F
Effective April 17, 2023, please note a change in decision limit.						
TC/HDL-C RATIO	4.3	N			2024-01-03 17:43:37	F
VITAMIN B12	167	L	221 -	pmol/L	2024-01-03 17:43:37	F
DEFICIENCY: < 148 pmol/L						
INSUFFICIENCY: 148 - 220 pmol/L						
SUFFICIENCY: > 220 pmol/L						
60% OF SYMPTOMATIC PATIENTS HAVE A HEMATOLOGIC OR NEUROLOGIC RESPONSE TO B12 SUPPLEMENTATION AT A LEVEL <148 pmol/L						
FERRITIN	126	N	24 - 453.00	ug/L	2024-01-03 17:43:37	F
ALT	51	H	<= 45.99	U/L	2024-01-03 17:43:37	F
TSH	0.87	N	0.35 - 5.00	mIU/L	2024-01-03 17:43:37	F
HEMOGLOBIN A1c	6.3	H	<= 5.99	%	2024-01-03 17:43:37	F
NON-DIABETIC: < 6.0 %						
PREDIABETES: 6.0 - 6.4 %						
DIABETIC: > 6.4 %						
OPTIMAL CONTROL: < 7.0 %						
SUB-OPTIMAL CONTROL: 7.0 - 8.4 %						
INADEQUATE CONTROL: > 8.4 %						

HEMATOLOGY						
Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
HEMOGLOBIN	131	N	129 - 165.000	g/L	2024-01-03 17:43:37	F
HEMATOCRIT	0.41	N	0.39 - 0.490	L/L	2024-01-03 17:43:37	F
RBC	4.9	N	4.2 - 5.800	x 10*12/L	2024-01-03 17:43:37	F
RBC INDICES: MCV	83	N	80 - 98.000	fL	2024-01-03 17:43:37	F
MCH	27	N	24 - 33.000	pg	2024-01-03 17:43:37	F
MCHC	322	N	313 - 344.000	g/L	2024-01-03 17:43:37	F
RDW	14.4	N	12.5 - 17.3		2024-01-03 17:43:37	F
WBC	5.2	N	3.2 - 9.400	x 10*9/L	2024-01-03 17:43:37	F
PLATELETS	139	L	155 - 372.000	x 10*9/L	2024-01-03 17:43:37	F
MPV	14.4	H	4.0 - 14.000	fL	2024-01-03 17:43:37	F

## DIFFERENTIAL WBC'S

HEMATOLOGY						
Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
NEUTROPHILS	3.1	N	1.4 - 6.3	x 10 <sup>9</sup> /L	2024-01-03 17:43:37	F
LYMPHOCYTES	1.6	N	1.0 - 2.9	x 10 <sup>9</sup> /L	2024-01-03 17:43:37	F
MONOCYTES	0.4	N	0.2 - 0.8	x 10 <sup>9</sup> /L	2024-01-03 17:43:37	F
EOSINOPHILS	0.2	N	0.0 - 0.5	x 10 <sup>9</sup> /L	2024-01-03 17:43:37	F
BASOPHILS	0.00	N	0.00 - 0.09	x 10 <sup>9</sup> /L	2024-01-03 17:43:37	F

**SMEAR**

PLATELETS: PLATELETS SLIGHTLY DECREASED  
 LARGE PLATELETS PRESENT  
 RBC'S: RED CELLS APPEAR NORMAL

URINALYSIS						
Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
URINALYSIS CHEMICAL						
GLUCOSE	NEG	N	- NEG	mmol/L	2024-01-03 17:43:37	F
BILIRUBIN	NEG	N	NEGATIVE		2024-01-03 17:43:37	F
KETONES	NEG	N	- NEG	mmol/L	2024-01-03 17:43:37	F
SPECIFIC GRAVITY	1.016	N	1.005 - 1.030		2024-01-03 17:43:37	F
BLOOD	NEG	N	NEGATIVE		2024-01-03 17:43:37	F
pH	5.5	N	5.0 - 8.0		2024-01-03 17:43:37	F
PROTEIN	NEG	N	- NEG	g/L	2024-01-03 17:43:37	F
UROBILINOGEN	3.2	N	- 32.99	umol/L	2024-01-03 17:43:37	F
NITRITE	NEG	N	NEGATIVE		2024-01-03 17:43:37	F
LEUKOCYTES	NEG	N	NEGATIVE		2024-01-03 17:43:37	F
COLOUR	YELLOW	N	- YELLOW	YELLOW	2024-01-03 17:43:37	F
APPEARANCE	CLEAR	N	- CLEAR	CLEAR	2024-01-03 17:43:37	F

MICROBIOLOGY						
Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status

**URINE CULTURE**

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 CULTURE:  
 (1) Colony count:  
 >100 x E6 cfu/L of Klebsiella oxytoca  
 SUSCEPTIBILITIES: ORGANISM # -->1  
 AMPICILLIN R  
 CEFZOLIN S  
 CIPROFLOXACIN S  
 AMOXICILLIN/CLAVULAN S  
 GENTAMICIN S  
 NITROFURANTOIN S  
 TRIMETHOPRIM/SULFA S  
 TOBRAMYCIN S  
 Cefazolin predicts results for some oral  
 Cephalosporins, eg. Cephalexin, Cefaclor,  
 Cefprozil, when used for therapy of  
 uncomplicated UTIs.

END OF REPORT