



**CLIENT CODE:** C000138355 **CLIENT'S NAME AND ADDRESS:** 

ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )

F-703, LADO SARAI, MEHRAULI SOUTH WEST DELHI

**NEW DELHI 110030** DELHI INDIA 8800465156

Opposite St Raphael's Higher Secondary School, Old Seshore Road,

Residency Area INDORE, 452001 Madhya Pradesh, India Tel: 0731 2490008

**PATIENT NAME: KRISHNAPAL SINGH RATHOD** PATIENT ID: KRISM200596290

ACCESSION NO: 0290VL004394 AGE: 26 Years SEX: Male ABHA NO:

RECEIVED: 24/12/2022 10:32 26/12/2022 16:07 DRAWN: REPORTED:

REFERRING DOCTOR: DR. ACROFEMI HEALTHCARE LTD ( MEDIWHEEL ) CLIENT PATIENT ID:

**Test Report Status** Results **Biological Reference Interval Units** <u>Final</u>

#### MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

BLOOD COUNTS,EDTA WHOLE BLOOD				
HEMOGLOBIN (HB)	13.5		13.0 - 17.0	g/dL
RED BLOOD CELL (RBC) COUNT	4.54		4.5 - 5.5	mil/μL
WHITE BLOOD CELL (WBC) COUNT	3.60	Low	4.0 - 10.0	thou/µL
PLATELET COUNT	268		150 - 410	thou/µL
RBC AND PLATELET INDICES				
HEMATOCRIT (PCV)	39.2	Low	40 - 50	%
MEAN CORPUSCULAR VOLUME (MCV)	86.0		83 - 101	fL
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	29.7		27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC)	34.4		31.5 - 34.5	g/dL
RED CELL DISTRIBUTION WIDTH (RDW)	12.9		11.6 - 14.0	%
MENTZER INDEX	18.9			
MEAN PLATELET VOLUME (MPV)	6.6	Low	6.8 - 10.9	fL
WBC DIFFERENTIAL COUNT				
NEUTROPHILS	55		40 - 80	%
LYMPHOCYTES	37		20 - 40	%
MONOCYTES	04		2 - 10	%
EOSINOPHILS	04		1 - 6	%
BASOPHILS	00		0 - 2	%
ERYTHROCYTE SEDIMENTATION RATE (ESR), NBLOOD	VHOLE			
E.S.R	10		0 - 14	mm at 1 hr
GLUCOSE FASTING,FLUORIDE PLASMA				
FBS (FASTING BLOOD SUGAR)	94		74 - 99	mg/dL
GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA BLOOD	WHOLE			
HBA1C	5.2		Non-diabetic: < 5.7 Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5 Therapeutic goals: < 7.0 Action suggested: > 8.0 (ADA Guideline 2021)	%
ESTIMATED AVERAGE GLUCOSE(EAG)	102.5		< 116.0	mg/dL



**GLUCOSE, POST-PRANDIAL, PLASMA** 







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Test Report Status <u>Final</u>	Results	Biological Reference Interval Units
PPBS(POST PRANDIAL BLOOD SUGAR)	96	Normal: < 140, mg/dL Impaired Glucose Tolerance:140- 199 Diabetic > or = 200
LIPID PROFILE, SERUM		2.00000
CHOLESTEROL, TOTAL	136	Desirable: <200 mg/dL BorderlineHigh : 200-239 High : > or = 240
TRIGLYCERIDES	45	Desirable: < 150 mg/dL Borderline High: 150 - 199 High: 200 - 499 Very High : > or = 500
HDL CHOLESTEROL	52	< 40 Low mg/dL > or = 60 High
CHOLESTEROL LDL	75	Adult levels: mg/dL Optimal < 100 Near optimal/above optimal: 100- 129 Borderline high : 130-159 High : 160-189 Very high : = 190
NON HDL CHOLESTEROL	84	Desirable: Less than 130 mg/dL Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220
CHOL/HDL RATIO	2.6	, <u>, , , , , , , , , , , , , , , , , , </u>
LDL/HDL RATIO	1.4	0.5 - 3.0 Desirable/Low Risk 3.1 - 6.0 Borderline/Moderate Risk >6.0 High Risk
VERY LOW DENSITY LIPOPROTEIN	9.0	mg/dL
LIVER FUNCTION PROFILE, SERUM		
BILIRUBIN, TOTAL	0.28	0.0 - 1.2 mg/dL
BILIRUBIN, DIRECT	0.13	0.0 - 0.2 mg/dL
BILIRUBIN, INDIRECT	0.15	0.00 - 1.00 mg/dL
TOTAL PROTEIN	7.5	6.4 - 8.3 g/dL
ALBUMIN	4.8	3.50 - 5.20 g/dL
GLOBULIN	2.7	2.0 - 4.1 g/dL
ALBUMIN/GLOBULIN RATIO	1.8	1.0 - 2.0 RATIO
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	19	UPTO 40 U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT)	17	UP TO 45 U/L
ALKALINE PHOSPHATASE	80	40 - 129 U/L









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AMMA GLUTAMYL TRANSFERASE (GGT) 12 8 - 61 U/L  LACTATE DEHYDROGENASE 157 135 - 225 U/L  BLOOD UREA NITROGEN (BUN), SERUM  BLOOD UREA NITROGEN (BUN), SERUM  BLOOD UREA NITROGEN 8 7 6 - 20 mg/dL  CREATININE, SERUM  CREATININE, SERUM  CREATININE 0.69 Low 0.70 - 1.20 mg/dL  BUN/CREAT RATIO  BUN/CREAT RATIO  BUN/CREAT RATIO 1.14 5.0 - 15.0  WICI ACID, SERUM  URIC ACID, SERUM  URIC ACID, SERUM  URIC ACID 4.4 3.5 - 7.2 mg/dL  TOTAL PROTEIN, SERUM  TOTAL PROTEIN, SERUM  10 A.8 3.5 - 5.2 g/dL  ALBUMIN, SERUM  ALBUMIN, SERUM  ALBUMIN, SERUM  GLOBULIN  GLOBULIN  GLOBULIN  SOTOM, SERUM 141.1 136.0 - 146.0 mmol/L  POTASSIUM, SERUM 141.1 136.0 - 146.0 mmol/L  POTASSIUM, SERUM 141.1 136.0 - 146.0 mmol/L  PHYSICAL EXAMINATION, URINE  COLOR PALE YELLOW  APPEARANCE CLEAR  CHEMICAL EXAMINATION, URINE  COLOR PALE YELLOW  APPEARANCE CLEAR  CHEMICAL EXAMINATION, URINE  CHECTED NOT DETECTED NOT DETECTED  BLOOD NOT DETECTED NOT DETECTED  BLOOD NOT DETECTED NOT DETECTED  BLOOD NOT DETECTED NOT DETECTED  BLICUBIN NORMAL NORMAL  LEURICCTED NOT DETECTED  BLICUBIN NORMAL NORMAL  LEUROCYTE ESTERASE NOT DETECTED NOT DETECTED  BLUROCYTE ESTERASE  NOT DETECTED NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT	Test Report Status <u>Final</u>	Results		Biological Reference I	nterval Units
LACTATE DEHYDROGENASE         157         135 - 225         U/L           BLOOD UREA NITROGEN (BUN), SERUM         7         6 - 20         mg/dL           CREATININE, SERUM         Low         0.70 - 1.20         mg/dL           CREATININE         0.69         Low         0.70 - 1.20         mg/dL           BUN/CREAT RATIO         10.14         5.0 - 15.0         TOTE         Mg/dL           URIC ACID, SERUM         URIC ACID         4.4         3.5 - 7.2         mg/dL           TOTAL PROTEIN, SERUM         4.4         3.5 - 7.2         mg/dL           TOTAL PROTEIN         7.5         4.4 - 8.3         9/dL           ALBUMIN, SERUM         4.8         3.5 - 5.2         9/dL           GLOBULIN         4.8         3.5 - 5.2         9/dL           BLOTAL POTES (NA/KCL), SERUM         4.1.1         3.60 - 146.0         mmol/L           BODIUM, SERUM         3.74         3.50 - 5.10         mmol/L           POTASSIUM, SERUM         3.74         3.50 - 5.10         mmol/L           CHORIDE, SERUM         3.74         3.50 - 5.10         mmol/L           PHYSICAL EXAMINATION, URINE         2         4.7 - 7.5         4.7 - 7.5           SPECIFIC GRAVITY         4.1					
BLOOD UREA NITROGEN (BUN), SERUM  REATININE, SERUM  CREATININE  BUN/CREAT RATIO  BUN/CREAT					
BLOOD UREA NITROGEN         7         6 - 20         mg/dL           CREATININE, SERUM         .069         tow         .070 - 1.20         mg/dL           BUN/CREAT RATIO         10.14         5.0 - 15.0            BUN/CREAT RATIO         10.14         5.0 - 15.0            URIC ACID, SERUM          3.5 - 7.2         mg/dL           URIC ACID, SERUM          4.4         3.5 - 7.2         mg/dL           TOTAL PROTEIN, SERUM          6.4 - 8.3         g/dL           ALBUMIN, SERUM         4.8         3.5 - 5.2         g/dL           BLOBULIN         2.7         2.0 - 4.1         g/dL           GLOBULIN         2.0         2.0 - 4.1         mmol/L           GLOBULIN, SERUM         141.1         136.0 - 146.0         mmol/L           POTASSIUM, SERUM         141.1         136.0 - 146.0         mmol/L           PHYSICAL EXAMINATION, URINE         2.0         98.0 - 106.0         mmol/L           CHLORDE, SERUM         2.1         2.2         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0		15/		135 - 225	U/L
CREATININE, SERUM         0.69         Low         0.70 - 1.20         mg/dL           BUN/CREAT RATIO         10.14         5.0 - 15.0         mg/dL           BUN/CREAT RATIO         10.14         5.0 - 15.0         mg/dL           BUN/CREAT RATIO         4.4         3.5 - 7.2         mg/dL           URIC ACID, SERUM         3.5 - 7.2         mg/dL           TOTAL PROTEIN, SERUM         4.8         6.4 - 8.3         g/dL           ALBUMIN, SERUM         4.8         3.5 - 5.2         g/dL           ALBUMIN SERUM         2.7         2.0 - 4.1         g/dL           GLOBULIN         2.7         2.0 - 4.1         g/dL           FLECTROLYTES (NA/K/CL), SERUM         14.1         136.0 - 146.0         mmol/L           POTASSIUM, SERUM         10.42         3.50 - 5.10         mmol/L           CHLORIDE, SERUM         104.2         98.0 - 106.0         mmol/L           PHYSICAL EXAMINATION, URINE         LEAR         T         T           CHEMICAL EXAMINATION, URINE         4.7 - 7.5         SPECIFIC GRAVITY         4.7 - 7.5         SPECIFIC GRAVITY         4.7 - 7.5         SPECIFIC GRAVITY         MOT DETECTED         NOT DETECTED         NOT DETECTED         NOT DETECTED         NOT DETECTED         NOT DETEC		_			
CREATININE         0.69         Low         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00		/		6 - 20	mg/dL
BUN/CREAT RATIO           BUN/CREAT RATIO         10.14         5015.0         10.14         5015.0         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14         10.14			_		
BUN/CREAT RATIO         10.144         5.0 - 15.0         Image: Colspan="4" Service of the part of		0.69	Low	0./0 - 1.20	mg/dL
NURIC ACID, SERUM           TOTAL PROTEIN, SERUM           TOTAL PROTEIN, SERUM           TOTAL PROTEIN           ALBUMIN, SERUM           ALBUMIN, SERUM           ALBUMIN           GLOBULIN           GLOBULIN           CLOBULIN (SERUM)           SODIUM, SERUM (AK/CL), SERUM           POTASSIUM, SERUM         141.1         136.0 - 146.0         mmol/L           POTASSIUM, SERUM         3.74         3.50 - 5.10         mmol/L           POTASSIUM, SERUM         104.2         98.0 - 106.0         mmol/L           CHOLORIDE, SERUM         2.2         2.9         5.10         mmol/L           POTASSIUM, SERUM         A. 25.0         mmol/L           CHOSTORIA SERUM         Mol.D         Mol.D           POTASSIUM, SERUM         A. 25.0         Mol.D           CHOSTORIA SERUM         Mol.D         Mol.D         Mol.D         A. 7.5         Mol.D         Mol.D         A. 7.5         Mol.D         Mol.D					
URIC ACID       4.4       3.5 - 7.2       mg/dL         TOTAL PROTEIN, SERUM         ALBUMIN, SERUM         ALBUMIN       4.8       3.5 - 5.2       9/dL         GLOBULIN         BLECTROLYTES (NA/K/CL), SERUM       2.7       2.0 - 4.1       9/dL         ELECTROLYTES (NA/K/CL), SERUM       14.1.1       13.6.0 - 146.0       mmol/L         POTASSIUM, SERUM       3.74       3.50 - 5.10       mmol/L         POTASSIUM, SERUM       10.2       98.0 - 106.0       mmol/L         CHILORIDE, SERUM       1.04.2       98.0 - 106.0       mmol/L         PHYSICAL EXAMINATION, URINE         CHEMICAL EXAMINATION, URINE         PH       5.5       4.7 - 7.5         SPECIFIC GRAVITY       < 1.005       1.003 - 1.035       1.003 - 1.035       1.003 - 1.035       1.003 - 1.035       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005       1.003 - 1.005 </td <td></td> <td>10.14</td> <td></td> <td>5.0 - 15.0</td> <td></td>		10.14		5.0 - 15.0	
TOTAL PROTEIN, SERUM           TOTAL PROTEIN         7.5         6.4 - 8.3         9/dL           ALBUMIN, SERUM					
TOTAL PROTEIN       7.5       6.4 - 8.3       9.dL         ALBUMIN, SERUM       4.8       3.5 - 5.2       9.dL         GLOBULIN       5.7       9.dL       9.dL         ELECTROLYTES (NA/K/CL), SERUM       2.7       2.0 - 4.1       9.dL       1.0         ELECTROLYTES (NA/K/CL), SERUM       141.1       136.0 - 146.0       mmol/L       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0       1.0 <th< td=""><td></td><td>4.4</td><td></td><td>3.5 - 7.2</td><td>mg/dL</td></th<>		4.4		3.5 - 7.2	mg/dL
ALBUMIN, SERUM           ALBUMIN         4.8         3.5 - 5.2         g/dL           GLOBULIN         2.7         2.0 - 4.1         g/dL           ELECTROLYTES (NA/K/CL), SERUM         3.74         3.50 - 146.0         mmol/L           POTASSIUM, SERUM         141.1         136.0 - 146.0         mmol/L           POTASSIUM, SERUM         3.74         3.50 - 5.10         mmol/L           CHLORIDE, SERUM         104.2         98.0 - 106.0         mmol/L           PHYSICAL EXAMINATION, URINE         CLEAR         T           CHEMICAL EXAMINATION, URINE         CLEAR         T           PH         5.5         4.7 - 7.5           SPECIFIC GRAVITY         <=1.005					
ALBUMIN       4.8       3.5 - 5.2       g/dL         GLOBULIN       2.7       2.0 - 4.1       g/dL         ELECTROLYTES (NA/K/CL), SERUM       141.1       136.0 - 146.0       mmol/L         POTASSIUM, SERUM       144.1       136.0 - 146.0       mmol/L         POTASSIUM, SERUM       104.2       98.0 - 106.0       mmol/L         CHLORIDE, SERUM       PALE YELLOW       PALE YELLOW         APPEARANCE       CLEAR       4.7 - 7.5         SPECIFIC GRAVITY       < -1.005       4.7 - 7.5         SPECIFIC GRAVITY       < -1.005       1.003 - 1.035         PROTEIN       NOT DETECTED       NOT DETECTED         GLUCOSE       NOT DETECTED       NOT DETECTED         KETONES       NOT DETECTED       NOT DETECTED         BLOOD       NOT DETECTED       NOT DETECTED         BLOOD       NOT DETECTED       NOT DETECTED         BILIRUBIN       NOT DETECTED       NOT DETECTED         UROBILINOGEN       NORMAL       NORMAL         NITITIE       NOT DETECTED       NOT DETECTED		7.5		6.4 - 8.3	g/dL
GLOBULIN           GLOBULIN         2.7         2.0 - 4.1         g/d           ELECTROLYTES (NA/K/CL), SERUM         3.74         136.0 - 146.0         mmol/L           POTASSIUM, SERUM         3.74         3.50 - 5.10         mmol/L           CHLORIDE, SERUM         104.2         98.0 - 106.0         mmol/L           PHYSICAL EXAMINATION, URINE         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V         V					
ELECTROLYTES (NA/K/CL), SERUM           SODIUM, SERUM         141.1         136.0 - 146.0         mmol/L           POTASSIUM, SERUM         3.74         3.50 - 5.10         mmol/L           CHLORIDE, SERUM         104.2         98.0 - 106.0         mmol/L           PHYSICAL EXAMINATION, URINE           COLOR         PALE YELLOW         ***         ***           CHEMICAL EXAMINATION, URINE           CHEMICAL EXAMINATION, URINE         ***         ***           PH         5.5         4.7 - 7.5           SPECIFIC GRAVITY         <**=1.005	ALBUMIN	4.8		3.5 - 5.2	g/dL
ELECTROLYTES (NA/K/CL), SERUM           SODIUM, SERUM         141.1         136.0 - 146.0         mmol/L           POTASSIUM, SERUM         3.74         3.50 - 5.10         mmol/L           CHLORIDE, SERUM         104.2         98.0 - 106.0         mmol/L           PHYSICAL EXAMINATION, URINE           COLOR         PALE YELLOW         TO ELEAR         TO ELEAR           CHEMICAL EXAMINATION, URINE           PH         5.5         4.7 - 7.5         TO ELECTED         SECIFIC GRAVITY         SECIFIC GRAVITY         TO ELECTED         NOT DETECTED         NOT DETECTED <td>GLOBULIN</td> <td></td> <td></td> <td></td> <td></td>	GLOBULIN				
SODIUM, SERUM       141.1       136.0 - 146.0       mmol/L         POTASSIUM, SERUM       3.74       3.50 - 5.10       mmol/L         CHLORIDE, SERUM       104.2       98.0 - 106.0       mmol/L         PHYSICAL EXAMINATION, URINE         COLOR       PALE YELLOW         APPEARANCE       CLEAR         CHEMICAL EXAMINATION, URINE         PH       5.5       4.7 - 7.5         SPECIFIC GRAVITY       <=1.005		2.7		2.0 - 4.1	g/dL
POTASSIUM, SERUM 3.74 3.50 - 5.10 mmol/L CHLORIDE, SERUM 104.2 98.0 - 106.0 mmol/L PHYSICAL EXAMINATION, URINE COLOR PALE YELLOW APPEARANCE CLEAR CHEMICAL EXAMINATION, URINE PH 5.5 4.7 - 7.5 SPECIFIC GRAVITY <=1.005 1.003 - 1.035 PROTEIN NOT DETECTED NOT DETECTED GLUCOSE NOT DETECTED NOT DETECTED GLUCOSE NOT DETECTED NOT DETECTED BLOOD NOT DETECTED NOT DETECTED BLOOD NOT DETECTED NOT DETECTED BLIRUBIN NOT DETECTED NOT DETECTED UROBILINOGEN NORMAL NORMAL NITRITE NOT DETECTED NOT DETECTED	ELECTROLYTES (NA/K/CL), SERUM				
CHLORIDE, SERUM  PHYSICAL EXAMINATION, URINE  COLOR  APPEARANCE  CLEAR  CHEMICAL EXAMINATION, URINE  PH  S.5  SPECIFIC GRAVITY  PROTEIN  GLUCOSE  KETONES  BLOOD  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  BLOOD  BILIRUBIN  NOT DETECTED	SODIUM, SERUM	141.1		136.0 - 146.0	mmol/L
PHYSICAL EXAMINATION, URINE  COLOR PALE YELLOW  APPEARANCE CLEAR  CHEMICAL EXAMINATION, URINE  PH \$5.5 4.7 - 7.5  SPECIFIC GRAVITY <=1.005 1.003 - 1.035  PROTEIN NOT DETECTED NOT DETECTED  GLUCOSE NOT DETECTED NOT DETECTED  KETONES NOT DETECTED NOT DETECTED  BLOOD NOT DETECTED NOT DETECTED  BLOOD NOT DETECTED NOT DETECTED  BLIRUBIN NOT DETECTED NOT DETECTED  UROBILINOGEN NORMAL NORMAL  NITRITE NOT DETECTED NOT DETECTED	POTASSIUM, SERUM	3.74		3.50 - 5.10	mmol/L
COLOR APPEARANCE CHEMICAL EXAMINATION, URINE PH S.5 SPECIFIC GRAVITY SPECIFIC GRAVITY NOT DETECTED GLUCOSE KETONES BLOOD BLOOD BLIRUBIN UROBILINOGEN NOT DETECTED	CHLORIDE, SERUM	104.2		98.0 - 106.0	mmol/L
CLEAR  CHEMICAL EXAMINATION, URINE  PH 5.5 4.7 - 7.5  SPECIFIC GRAVITY <=1.005 1.003 - 1.035  PROTEIN NOT DETECTED NOT DETECTED  GLUCOSE NOT DETECTED NOT DETECTED  KETONES NOT DETECTED NOT DETECTED  BLOOD NOT DETECTED NOT DETECTED  BLIRUBIN NOT DETECTED NOT DETECTED  UROBILINOGEN NOT DETECTED NOT DETECTED  UROBILINOGEN NORMAL NORMAL  NOT DETECTED NOT DETECTED	PHYSICAL EXAMINATION, URINE				
CHEMICAL EXAMINATION, URINE  PH 5.5 4.7 - 7.5  SPECIFIC GRAVITY <=1.005 1.003 - 1.035  PROTEIN NOT DETECTED NOT DETECTED  GLUCOSE NOT DETECTED NOT DETECTED  KETONES NOT DETECTED NOT DETECTED  BLOOD NOT DETECTED NOT DETECTED  BLIRUBIN NOT DETECTED NOT DETECTED  UROBILINOGEN NORMAL NORMAL  NITRITE NOT DETECTED NOT DETECTED	COLOR	PALE YELLOW			
PH 5.5 4.7 - 7.5 SPECIFIC GRAVITY <=1.005 1.003 - 1.035 PROTEIN NOT DETECTED NOT DETECTED GLUCOSE NOT DETECTED NOT DETECTED KETONES NOT DETECTED NOT DETECTED BLOOD NOT DETECTED NOT DETECTED BILIRUBIN NOT DETECTED NOT DETECTED UROBILINOGEN NORMAL NORMAL NITRITE NOT DETECTED NOT DETECTED	APPEARANCE	CLEAR			
SPECIFIC GRAVITY  <=1.005  NOT DETECTED  NOT DETECTED  GLUCOSE  KETONES  NOT DETECTED  UROBILINOGEN  NORMAL  NORMAL  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED  NOT DETECTED	CHEMICAL EXAMINATION, URINE				
PROTEIN NOT DETECTED NOT DETECTED  GLUCOSE NOT DETECTED NOT DETECTED  KETONES NOT DETECTED NOT DETECTED  BLOOD NOT DETECTED NOT DETECTED  BILIRUBIN NOT DETECTED NOT DETECTED  UROBILINOGEN NORMAL NORMAL  NITRITE NOT DETECTED NOT DETECTED	PH	5.5		4.7 - 7.5	
GLUCOSE NOT DETECTED NOT DETECTED  KETONES NOT DETECTED NOT DETECTED  BLOOD NOT DETECTED NOT DETECTED  BILIRUBIN NOT DETECTED NOT DETECTED  UROBILINOGEN NORMAL NORMAL  NITRITE NOT DETECTED NOT DETECTED	SPECIFIC GRAVITY	<=1.005		1.003 - 1.035	
KETONESNOT DETECTEDNOT DETECTEDBLOODNOT DETECTEDNOT DETECTEDBILIRUBINNOT DETECTEDNOT DETECTEDUROBILINOGENNORMALNORMALNITRITENOT DETECTEDNOT DETECTED	PROTEIN	NOT DETECTED		NOT DETECTED	
BLOOD NOT DETECTED NOT DETECTED  BILIRUBIN NOT DETECTED NOT DETECTED  UROBILINOGEN NORMAL NORMAL  NITRITE NOT DETECTED NOT DETECTED	GLUCOSE	NOT DETECTED		NOT DETECTED	
BILIRUBIN NOT DETECTED NOT DETECTED UROBILINOGEN NORMAL NORMAL NITRITE NOT DETECTED NOT DETECTED	KETONES	NOT DETECTED		NOT DETECTED	
UROBILINOGEN NORMAL NORMAL NOT DETECTED NOT DETECTED	BLOOD	NOT DETECTED		NOT DETECTED	
NITRITE NOT DETECTED NOT DETECTED	BILIRUBIN	NOT DETECTED		NOT DETECTED	
	UROBILINOGEN	NORMAL		NORMAL	
LEUKOCYTE ESTERASE NOT DETECTED NOT DETECTED	NITRITE	NOT DETECTED		NOT DETECTED	
	LEUKOCYTE ESTERASE	NOT DETECTED		NOT DETECTED	









**CLIENT CODE:** C000138355 **CLIENT'S NAME AND ADDRESS:** 

ACROFEMI HEALTHCARE LTD ( MEDIWHEEL ) F-703, LADO SARAI, MEHRAULI SOUTH WEST DELHI

NEW DELHI 110030 DELHI INDIA 8800465156

Opposite St Raphael's Higher Secondary School , Old Seshore Road,

Residency Area INDORE, 452001 Madhya Pradesh, India Tel: 0731 2490008

**PATIENT NAME: KRISHNAPAL SINGH RATHOD** PATIENT ID: KRISM200596290

ACCESSION NO: 0290VL004394 AGE: 26 Years SEX: Male ABHA NO:

RECEIVED: 24/12/2022 10:32 26/12/2022 16:07 DRAWN: REPORTED:

REFERRING DOCTOR: DR. ACROFEMI HEALTHCARE LTD ( MEDIWHEEL ) CLIENT PATIENT ID:

Test Report Status <u>Final</u>	Results	Biological Reference Interva	al Units
MICROSCOPIC EXAMINATION, URINE			
RED BLOOD CELLS	NOT DETECTED	NOT DETECTED	/HPF
PUS CELL (WBC'S)	2-3	0-5	/HPF
EPITHELIAL CELLS	2-3	0-5	/HPF
CASTS	NOT DETECTED		
CRYSTALS	NOT DETECTED		
BACTERIA	NOT DETECTED	NOT DETECTED	
YEAST	NOT DETECTED	NOT DETECTED	
REMARKS	Please note that all the urinary findings are confirmed manually as ${}^{\ast}$		
THYROID PANEL, SERUM			
ТЗ	146.90	80.00 - 200.00	ng/dL
T4	7.08	5.10 - 14.10	μg/dL
TSH (ULTRASENSITIVE)	1.950	0.270 - 4.200	μIU/mL









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Test Report Status <u>Final</u> Results Biological Reference Interval Units

#### Interpretation(s)

**Triiodothyronine T3**, **Thyroxine T4**, and **Thyroid Stimulating Hormone TSH** are thyroid hormones which affect almost every physiological process in the body, including growth, development, metabolism, body temperature, and heart rate.

Production of T3 and its prohormone thyroxine (T4) is activated by thyroid-stimulating hormone (TSH), which is released from the pituitary gland. Elevated concentrations of T3, and T4 in the blood inhibit the production of TSH.

Excessive secretion of thyroxine in the body is hyperthyroidism, and deficient secretion is called hypothyroidism.

In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hyperthyroidism, TSH levels are low. owidctlparowidctlparBelow mentioned are the guidelines for Pregnancy related reference ranges for Total T4, TSH & Total T3. Measurement of the serum TT3 level is a more sensitive test for the diagnosis of hyperthyroidism, and measurement of TT4 is more useful in the diagnosis of hypothyroidism. Most of the thyroid hormone in blood is bound to transport proteins. Only a very small fraction of the circulating hormone is free and biologically active. It is advisable to detect Free T3, FreeT4 along with TSH, instead of testing for albumin bound Total T3, Total T4.

Sr. No.	TSH	Total T4	FT4	Total T3	Possible Conditions
1	High	Low	Low	Low	(1) Primary Hypothyroidism (2) Chronic autoimmune Thyroiditis (3)
					Post Thyroidectomy (4) Post Radio-Iodine treatment
2	High	Normal	Normal	Normal	(1)Subclinical Hypothyroidism (2) Patient with insufficient thyroid
					hormone replacement therapy (3) In cases of Autoimmune/Hashimoto
					thyroiditis (4). Isolated increase in TSH levels can be due to Subclinical
					inflammation, drugs like amphetamines, Iodine containing drug and
					dopamine antagonist e.g. domperidone and other physiological reasons.
3	Normal/Low	Low	Low	Low	(1) Secondary and Tertiary Hypothyroidism
4	Low	High	High	High	(1) Primary Hyperthyroidism (Graves Disease) (2) Multinodular Goitre
					(3)Toxic Nodular Goitre (4) Thyroiditis (5) Over treatment of thyroid
					hormone (6) Drug effect e.g. Glucocorticoids, dopamine, T4
					replacement therapy (7) First trimester of Pregnancy
5	Low	Normal	Normal	Normal	(1) Subclinical Hyperthyroidism
6	High	High	High	High	(1) TSH secreting pituitary adenoma (2) TRH secreting tumor
7	Low	Low	Low	Low	(1) Central Hypothyroidism (2) Euthyroid sick syndrome (3) Recent
					treatment for Hyperthyroidism
8	Normal/Low	Normal	Normal	High	(1) T3 thyrotoxicosis (2) Non-Thyroidal illness
9	Low	High	High	Normal	(1) T4 Ingestion (2) Thyroiditis (3) Interfering Anti TPO antibodies

REF: 1. TIETZ Fundamentals of Clinical chemistry 2.Guidlines of the American Thyroid association during pregnancy and Postpartum, 2011. **NOTE: It is advisable to detect Free T3,FreeT4 along with TSH, instead of testing for albumin bound Total T3, Total T4.**TSH is not affected by variation in thyroid - binding protein. TSH has a diurnal rhythm, with peaks at 2:00 - 4:00 a.m. And troughs at 5:00 - 6:00 p.m. With ultradian variations.

#### PHYSICAL EXAMINATION, STOOL

COLOUR BROWN

CONSISTENCY WELL FORMED

MUCUS ABSENT NOT DETECTED

VISIBLE BLOOD ABSENT ABSENT

ADULT PARASITE NOT DETECTED









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**CHEMICAL EXAMINATION, STOOL** 

OCCULT BLOOD NOT DETECTED NOT DETECTED

MICROSCOPIC EXAMINATION, STOOL

PUS CELLS 2-3 /hpf

RED BLOOD CELLS NOT DETECTED NOT DETECTED /HPF

CYSTS NOT DETECTED NOT DETECTED

OVA NOT DETECTED

LARVAE NOT DETECTED NOT DETECTED

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD

ABO GROUP TYPE A
RH TYPE POSITIVE

**XRAY-CHEST** 

»» BOTH THE LUNG FIELDS ARE CLEAR

»» BOTH THE COSTOPHRENIC AND CARIOPHRENIC ANGELS ARE CLEAR

»» BOTH THE HILA ARE NORMAL

CARDIAC AND AORTIC SHADOWS APPEAR NORMALBOTH THE DOMES OF THE DIAPHRAM ARE NORMAL

»» VISUALIZED BONY THORAX IS NORMAL

IMPRESSION NO ABNORMALITY DETECTED

**TMT OR ECHO** 

TMT OR ECHO ECHO DONE-

NORMAL 2D ECHO STUDY

LVEF 65 %

ECG

ECG SINUS RHYTHM, NORMAL ECG

**MEDICAL HISTORY** 

RELEVANT PRESENT HISTORY

RELEVANT PAST HISTORY

RELEVANT PERSONAL HISTORY

RELEVANT FAMILY HISTORY

OCCUPATIONAL HISTORY

HISTORY OF MEDICATIONS

NOT SIGNIFICANT

NOT SIGNIFICANT

**ANTHROPOMETRIC DATA & BMI** 

HEIGHT IN METERS 1.80 mts WEIGHT IN KGS. 74 Kgs









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Test Report Status <u>Final</u>	Results	Biological Reference Interval Units
вмі	23	BMI & Weight Status as follows: kg/sqmts Below 18.5: Underweight 18.5 - 24.9: Normal 25.0 - 29.9: Overweight 30.0 and Above: Obese
GENERAL EXAMINATION		
MENTAL / EMOTIONAL STATE	NORMAL	
PHYSICAL ATTITUDE	NORMAL	
GENERAL APPEARANCE / NUTRITIONAL STATUS	HEALTHY	

PHYSICAL ATTITUDE NORMAL
GENERAL APPEARANCE / NUTRITIONAL STATUS HEALTHY
BUILT / SKELETAL FRAMEWORK AVERAGE
FACIAL APPEARANCE NORMAL
SKIN NORMAL
UPPER LIMB NORMAL
LOWER LIMB NORMAL
NECK NORMAL

NECK LYMPHATICS / SALIVARY GLANDS NOT ENLARGED OR TENDER

THYROID GLAND NOT ENLARGED

CAROTID PULSATION NORMAL TEMPERATURE AFEBRILE

PULSE 75/MIN, REGULAR, ALL PERIPHERAL PULSES WELL FELT, NO CAROTID

BRUIT

RESPIRATORY RATE NORMAL

**CARDIOVASCULAR SYSTEM** 

BP 130/90 MM HG mm/Hg (SITTING)

PERICARDIUM NORMAL
APEX BEAT NORMAL
HEART SOUNDS NORMAL
MURMURS ABSENT

**RESPIRATORY SYSTEM** 

SIZE AND SHAPE OF CHEST

MOVEMENTS OF CHEST

BREATH SOUNDS INTENSITY

NORMAL

BREATH SOUNDS QUALITY VESICULAR (NORMAL)

ADDED SOUNDS ABSENT

PER ABDOMEN

APPEARANCE NORMAL









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VENOUS PROMINENCE ABSENT LIVER NOT PAL

LIVER NOT PALPABLE
SPLEEN NOT PALPABLE
HERNIA NORMAL

**CENTRAL NERVOUS SYSTEM** 

HIGHER FUNCTIONS NORMAL
CRANIAL NERVES NORMAL
CEREBELLAR FUNCTIONS NORMAL
SENSORY SYSTEM NORMAL
MOTOR SYSTEM NORMAL
REFLEXES NORMAL

**MUSCULOSKELETAL SYSTEM** 

SPINE NORMAL JOINTS NORMAL

**BASIC EYE EXAMINATION** 

CONJUNCTIVA NORMAL EYELIDS NORMAL EYE MOVEMENTS NORMAL CORNEA NORMAL

DISTANT VISION RIGHT EYE WITHOUT GLASSES 6/9. SLIGHTLY POOR

DISTANT VISION LEFT EYE WITHOUT GLASSES 6/6, WITHIN NORMAL LIMIT
NEAR VISION RIGHT EYE WITHOUT GLASSES N/6, WITHIN NORMAL LIMIT
NEAR VISION LEFT EYE WITHOUT GLASSES N/6, WITHIN NORMAL LIMIT

COLOUR VISION NORMAL

**BASIC ENT EXAMINATION** 

EXTERNAL EAR CANAL NORMAL TYMPANIC MEMBRANE NORMAL

NOSE NO ABNORMALITY DETECTED

SINUSES NORMAL

THROAT NO ABNORMALITY DETECTED

TONSILS NOT ENLARGED

**SUMMARY** 

RELEVANT HISTORY NOT SIGNIFICANT RELEVANT GP EXAMINATION FINDINGS NOT SIGNIFICANT









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**Test Report Status** Results **Biological Reference Interval** Units <u>Final</u>

REMARKS / RECOMMENDATIONS NONE

**FITNESS STATUS** 

FITNESS STATUS FIT (AS PER REQUESTED PANEL OF TESTS)

BLOOD COUNTS, EDTA WHOLE BLOOD-The cell morphology is well preserved for 24hrs. However after 24-48 hrs a progressive increase in MCV and HCT is observed leading to a decrease in MCHC. A direct smear is recommended for an accurate differential count and for examination of RBC morphology.

RBC AND PLATELET INDICES-Mentzer index (MCV/RBC) is an automated cell-counter based calculated screen tool to differentiate cases of Iron deficiency anaemia(>13) from Beta thalassaemia trait

(<13) in patients with microcytic anaemia. This needs to be interpreted in line with clinical correlation and suspicion. Estimation of HbA2 remains the gold standard for diagnosing a case of beta thalassaemia trait.

WBC DIFFERENTIAL COUNT-The optimal threshold of 3.3 for NLR showed a prognostic possibility of clinical symptoms to change from mild to severe in COVID positive

patients. When age = 49.5 years old and NLR = 3.3, 46.1% COVID-19 patients with mild disease might become severe. By contrast, when age < 49.5 years old and NLR < 3.3, COVID-19 patients tend to show mild disease. (Reference to - The diagnostic and predictive role of NLR, d-NLR and PLR in COVID-19 patients A.-P. Yang, et al. International Immunopharmacology 84 (2020) 106504

This ratio element is a calculated parameter and out of NABL scope.

ERYTHROCYTE SEDIMENTATION RATE (ESR), WHOLE BLOOD-TEST DESCRIPTION:

Erythrocyte sedimentation rate (ESR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (sedimentation) of erythrocytes in a sample of blood that has been placed into a tall, thin, vertical tube. Results are reported as the millimetres of clear fluid (plasma) that are present at the top portion of the tube after one hour. Nowadays fully automated instruments are available to measure ESR.

ESR is not diagnostic it is a non-specific test that may be elevated in a number of different conditions. It provides general information about the presence of an inflammatory condition.CRP is superior to ESR because it is more sensitive and reflects a more rapid change. **TEST INTERPRETATION** 

Increase in: Infections, Vasculities, Inflammatory arthritis, Renal disease, Anemia, Malignancies and plasma cell dyscrasias, Acute allergy Tissue injury, Pregnancy, Estrogen medication, Aging.
Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias,

Disseminated malignancies, connective tissue disease, severe infections such as bacterial endocarditis).

In pregnancy BRI in first trimester is 0-48 mm/hr(62 if anemic) and in second trimester (0-70 mm /hr(95 if anemic). ESR returns to normal 4th week post partum.

Decreased in: Polycythermia vera, Sickle cell anemia

#### LIMITATIONS

False elevated ESR: Increased fibrinogen, Drugs(Vitamin A, Dextran etc.), Hypercholesterolemia
False Decreased: Poikilocytosis, (SickleCells, spherocytes), Microcytosis, Low fibrinogen, Very high WBC counts, Drugs(Quinine, salicylates)

1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition 2. Paediatric reference intervals. AACC Press, 7th edition. Edited by S. Soldin 3. The reference for the adult reference range is "Practical Haematology by Dacie and Lewis,10th edition.

GLUCOSE FASTING,FLUORIDE PLASMA-TEST DESCRIPTION

Normally, the glucose concentration in extracellular fluid is closely regulated so that a source of energy is readily available to tissues and sothat no glucose is excreted in the urine.

Increased in

Diabetes mellitus, Cushing's syndrome (10 – 15%), chronic pancreatitis (30%). Drugs:corticosteroids,phenytoin, estrogen, thiazides.

Pancreatic islet cell disease with increased insulin,insulinoma,adrenocortical insufficiency, hypopituitarism,diffuse liver disease, malignancy (adrenocortical, stomach,fibrosarcoma), infant of a diabetic mother, enzyme deficiency diseases(e.g., galactosemia),Drugs- insulin, ethanol, propranolol sulfonylureas,tolbutamide, and other oral hypoglycemic agents

NOTE:

Hypoglycemia is defined as a glucoseof < 50 mg/dL in men and < 40 mg/dL in women.

While random serum glucose levels correlate with home glucose monitoring results (weekly mean capillary glucose values), there is wide fluctuation within individuals. Thus, glycosylated hemoglobin(HbA1c) levels are favored to monitor glycemic control.

High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc. GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD-**Used For**:

1. Evaluating the long-term control of blood glucose concentrations in diabetic patients.

3. Identifying patients at increased risk for diabetes (prediabetes).

The ADA recommends measurement of HbA1c (typically 3-4 times per year for type 1 and poorly controlled type 2 diabetic patients, and 2 times per year for well-controlled type 2 diabetic patients) to determine whether a patients metabolic control has remained continuously within the target range.









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1.eAG (Estimated average glucose) converts percentage HbA1c to md/dl, to compare blood glucose levels.

- 2. eAG gives an evaluation of blood glucose levels for the last couple of months. 3. eAG is calculated as eAG (mg/dl) = 28.7 \* HbA1c 46.7

#### HbA1c Estimation can get affected due to :

I.Shortened Erythrocyte survival: Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g. recovery from acute blood loss,hemolytic anemia) will falsely lower HbA1c test results.Fructosamine is recommended in these patients which indicates diabetes control over 15 days.

II.Vitamin C & E are reported to falsely lower test results.(possibly by inhibiting glycation of hemoglobin.

III.Iron deficiency anemia is reported to increase test results. Hypertriglyceridemia, uremia, hyperbilirubinemia, chronic alcoholism, chronic ingestion of salicylates & opiates addiction are reported to interfere with some assay methods, falsely increasing results.

IV.Interference of hemoglobinopathies in HbA1c estimation is seen in a.Homozygous hemoglobinopathy. Fructosamine is recommended for testing of HbA1c. b.Heterozygous state detected (D10 is corrected for HbS & HbC trait.)

c.HbF > 25% on alternate paltform (Boronate affinity chromatography) is recommended for testing of HbA1c. Abnormal Hemoglobin electrophoresis (HPLC method) is recommended for detecting a hemoglobinopathy

GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc.Additional test HbA1c LIVER FUNCTION PROFILE, SERUM-LIVER FUNCTION PROFILE

Bilirubin is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Bilirubin is excreted in bile and urine, and elevated levels may give yellow discoloration in jaundice. Elevated levels results from increased bilirubin production (eg, hemolysis and ineffective erythropoiesis), decreased bilirubin excretion (eg, obstruction and hepatitis), and abnormal bilirubin metabolism (eg, herioditary and neonatal jaundice). Conjugated (direct) bilirubin is elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) may be a result of Hemolytic or pernicious anemia, Transfusion reaction & a common metabolic condition termed Gilbert syndrome, due to low levels of the enzyme that attaches sugar molecules to bilirubin.

AST is an enzyme found in various parts of the body. AST is found in the liver, heart, skeletal muscle, kidneys, brain, and red blood cells, and it is commonly measured clinically as a marker for liver health. AST levels increase during chronic viral hepatitis, blockage of the bile duct, cirrhosis of the liver, liver cancer, kidney failure, hemolytic anemia, pancreatitis, hemochromatosis. AST levels may also increase after a heart attack or strenuous activity. ALT test measures the amount of this enzyme in the blood. ALT is found mainly in the liver, but also in smaller amounts in the kidneys, heart, muscles, and pancreas. It is commonly measured as a part of a diagnostic evaluation of hepatocellular injury, to determine liver health.AST levels increase during acute hepatitis, sometimes due to a viral infection, is chemia to the liver, chronic hepatitis, obstruction of bile ducts, cirrhosis.

ALP is a protein found in almost all body tissues. Tissues with higher amounts of ALP include the liver, bile ducts and bone. Elevated ALP levels are seen in Biliary obstruction,

Osteoblastic bone tumors, osteomalacia, hepatitis, Hyperparathyroidism, Leukemia, Lymphoma, Paget"s disease,Rickets,Sarcoidosis etc. Lower-than-normal ALP levels seen in Hypophosphatasia, Malnutrition, Protein deficiency, Wilson''s disease. GGT is an enzyme found in cell membranes of many tissues mainly in the liver, kidney and pancreas. It is also found in other tissues including intestine, spleen, heart, brain and seminal vesicles. The highest concentration is in the kidney, but the liver is considered the source of normal enzyme activity. Serum GGT has been widely used as an index of liver dysfunction. Elevated serum GGT activity can be found in diseases of the liver, biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease, high alcohol consumption and use of enzyme-inducing drugs etc. Serum total protein, also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin. Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstrom''s disease. Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome, Protein-losing enteropathy etc.Human serum albumin is the most abundant protein in human blood plasma.It is produced in the liver.Albumin constitutes about half of the blood serum protein.Low blood albumin levels (hypoalbuminemia) can be caused by:Liver disease like cirrhosis of the liver, nephrotic syndrome,protein-losing enteropathy,Burns,hemodilution,increased vascular permeability or decreased lymphatic clearance,malnutrition and wasting etc

BLOOD UREA NITROGEN (BUN), SERUM-Causes of Increased levels include Pre renal (High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal), Renal Failure, Post Renal (Malignancy, Nephrolithiasis, Prostatism)

Causes of decreased level include Liver disease, SIADH.

CREATININE, SERUM-Higher than normal level may be due to:

- Blockage in the urinary tract
- Kidney problems, such as kidney damage or failure, infection, or reduced blood flow
   Loss of body fluid (dehydration)

- Muscle problems, such as breakdown of muscle fibers
   Problems during pregnancy, such as seizures (eclampsia)), or high blood pressure caused by pregnancy (preeclampsia)

Lower than normal level may be due to:

- Myasthenia Gravis

• Muscular dystrophy
URIC ACID, SERUM-**Causes of Increased levels:**-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic

Causes of decreased levels-Low Zinc intake,OCP,Multiple Sclerosis
TOTAL PROTEIN, SERUM-Serum total protein,also known as total protein, is a biochemical test for measuring the total amount of protein in serum..Protein in the plasma is made up of albumin and globulin

Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstrom""""""" disease Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome, Protein-losing enteropathy etc.

ALBUMIN, SERUM-Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. Low blood albumin levels (hypoalbuminemia) can be caused by: Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns,









KRISM200596290

**CLIENT CODE:** C000138355 **CLIENT'S NAME AND ADDRESS:** 

ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )

F-703, LADO SARAI, MEHRAULI

SOUTH WEST DELHI **NEW DELHI 110030 DELHI INDIA** 8800465156

ACCESSION NO:

Opposite St Raphael's Higher Secondary School, Old Seshore Road,

Residency Area INDORE, 452001 Madhya Pradesh, India Tel: 0731 2490008

PATIENT ID:

**PATIENT NAME: KRISHNAPAL SINGH RATHOD** 

0290VL004394 AGE: 26 Years SEX: Male ABHA NO:

DRAWN: RECEIVED: 24/12/2022 10:32 REPORTED: 26/12/2022 16:07

REFERRING DOCTOR: DR. ACROFEMI HEALTHCARE LTD ( MEDIWHEEL ) CLIENT PATIENT ID:

**Test Report Status** Results **Biological Reference Interval** Units <u>Final</u>

hemodilution, increased vascular permeability or decreased lymphatic clearance,malnutrition and wasting etc.

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD-Blood group is identified by antigens and antibodies present in the blood. Antigens are protein molecules found on the surface of red blood cells. Antibodies are found in plasma. To determine blood group, red cells are mixed with different antibody solutions to give A,B,O or AB.

Disclaimer: "Please note, as the results of previous ABO and Rh group (Blood Group) for pregnant women are not available, please check with the patient records for availability of the same.

The test is performed by both forward as well as reverse grouping methods.

MEDICAL

THIS REPORT CARRIES THE SIGNATURE OF OUR LABORATORY DIRECTOR. THIS IS AN INVIOLABLE FEATURE OF OUR LAB MANAGEMENT SOFTWARE. HOWEVER, ALL EXAMINATIONS AND INVESTIGATIONS HAVE BEEN CONDUCTED BY OUR PANEL OF DOCTORS.

FITNESS STATUS-

Conclusion on an individual's Fitness, which is commented upon mainly for Pre employment cases, is based on multi factorial findings and does not depend on any one single parameter. The final Fitness assigned to a candidate will depend on the Physician's findings and overall judgement on a case to case basis, details of the candidate's past and personal history as well as the comprehensiveness of the diagnostic panel which has been requested for .These are then further correlated with details of the job

under consideration to eventually fit the right man to the right job.

Basis the above, SRL classifies a candidate's Fitness Status into one of the following categories:

- Fit (As per requested panel of tests) SRL Limited gives the individual a clean chit to join the organization, on the basis of the General Physical Examination and the specific test panel requested for.
- Fit (with medical advice) (As per requested panel of tests) This indicates that although the candidate can be declared as FIT to join the job, minimal problems have been • Fit (with medical advice) (As per requested panel of tests) - Inis indicates that although the Candidate can be declared as FIT to Join the Job, minimal problems have been detected during the Pre- employment examination. Examples of conditions which could fall in this category could be cases of mild reversible medical abnormalities such as height weight disproportions, borderline raised Blood Pressure readings, mildly raised Blood sugar and Blood Lipid levels, Hematuria, etc. Most of these relate to sedentary lifestyles and come under the broad category of life style disorders. The idea is to caution an individual to bring about certain lifestyle changes as well as seek a Physician's consultation and counseling in order to bring back to normal the mildly deranged parameters. For all purposes the individual is FIT to join the job.

  • Fitness on Hold (Temporary Unfit) (As per requested panel of tests) - Candidate's reports are kept on hold when either the diagnostic tests or the physical findings reveal the presence of a medical condition which warrants further tests, counseling and/or specialist opinion, on the basis of which a candidate can either be placed into Fit, Fit (With Medical Advice), or Unfit category. Conditions which may fall into this category could be high blood pressure, abnormal ECG, heart murmurs, abnormal vision, grossly blood current extensions.
- elevated blood sugars, etc.
- Unfit (As per requested panel of tests) An unfit report by SRL Limited clearly indicates that the individual is not suitable for the respective job profile e.g. total color blindness in color related jobs.









CLIENT CODE: C000138355
CLIENT'S NAME AND ADDRESS:

ACROFEMI HEALTHCARE LTD ( MEDIWHEEL )

F-703, LADO SARAI, MEHRAULI

SOUTH WEST DELHI NEW DELHI 110030 DELHI INDIA 8800465156 SRL LTD

Opposite St Raphael's Higher Secondary School, Old Seshore Road,

Residency Area INDORE, 452001 Madhya Pradesh, India Tel: 0731 2490008

PATIENT NAME: KRISHNAPAL SINGH RATHOD

PATIENT ID : KRISM200596290

ACCESSION NO: 0290VL004394 AGE: 26 Years SEX: Male ABHA NO:

DRAWN: RECEIVED: 24/12/2022 10:32 REPORTED: 26/12/2022 16:07

REFERRING DOCTOR: DR. ACROFEMI HEALTHCARE LTD (MEDIWHEEL) CLIENT PATIENT ID:

Test Report Status <u>Final</u> Results Units

### MEDI WHEEL FULL BODY HEALTH CHECK UP BELOW 40 MALE

**ULTRASOUND ABDOMEN** 

**ULTRASOUND ABDOMEN** 

NO ABNORMALITIES DETECTED

\*\*End Of Report\*\*
Please visit www.srlworld.com for related Test Information for this accession

Aprila

Dr.Arpita Pasari, MD Consultant Pathologist - wind :

Dr.Meena Jinwah ,MBBS . MD Consultant Microbiologist

#### **CONDITIONS OF LABORATORY TESTING & REPORTING**

- 1. It is presumed that the test sample belongs to the patient named or identified in the test requisition form.
- 2. All tests are performed and reported as per the turnaround time stated in the SRL Directory of Services.
- 3. Result delays could occur due to unforeseen circumstances such as non-availability of kits / equipment breakdown / natural calamities / technical downtime or any other unforeseen event.
- 4. A requested test might not be performed if:
  - i. Specimen received is insufficient or inappropriate
  - ii. Specimen quality is unsatisfactory
  - iii. Incorrect specimen type
  - iv. Discrepancy between identification on specimen container label and test requisition form

- 5. SRL confirms that all tests have been performed or assayed with highest quality standards, clinical safety & technical integrity.
- 6. Laboratory results should not be interpreted in isolation; it must be correlated with clinical information and be interpreted by registered medical practitioners only to determine final diagnosis.
- 7. Test results may vary based on time of collection, physiological condition of the patient, current medication or nutritional and dietary changes. Please consult your doctor or call us for any clarification.
- 8. Test results cannot be used for Medico legal purposes.
- 9. In case of queries please call customer care (91115 91115) within 48 hours of the report.

**SRL Limited** 

Fortis Hospital, Sector 62, Phase VIII, Mohali 160062



