



# एक एहसास क्षमनेपन का Sparsh Multispecialty Hospital

(A Unit of Sparsh Multispecialty Hospital Private Limited)  
(Formerly known as Paedia Health Private Limited )  
CIN : U85110CT2005PTC017751



UHID : 151525 VISITID : 0000280582  
PATIENT NAME : MR. DEEPAK KUMAR PATEL ORDER DATE : 10/07/2022 11:09:00AM  
AGE/SEX : 35Y/MALE SAMP. DATE : 10/07/2022 12:11:00PM  
CONSULTANT DOCTOR : HOSPITAL CASE SPEC. NO : 10378490  
RESULT DATE : 10/07/2022 1:55:00PM  
TPA : MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### ESR (ERYTHROCYTE SEDIMENTATION RATE)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
ESR	10 mm at end of 1 hr	Normal	0 - 15

TECHNICIAN

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D. ANJANA SHARMA  
D.M.B PATHOLOGY  
CONSULTANT



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AGE/SEX	: 35Y/MALE	SAMP. DATE	: 10/07/2022 12:11:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378481
		RESULT DATE	: 10/07/2022 12:56:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### LIPID PROFILE

PARAMETER	VALUE	RESULT	REFERENCE RANGE
CHOLESTEROL TOTAL	258 mg / dl	High	150 - 220
TRIGLYCERIDES - SERUM	168 mg / dl	High	60 - 165
HDL	46.84 mg / dl	Normal	35 - 80
LDL	177.56 mg/dL	High	90 - 160
VLDL	33.60	Normal	20 - 50
CHOL : HDL Ratio	5.51:1		3.5 - 5.5
LDL: HDL Ratio	3.79:1		-

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AGE/SEX	: 35Y/MALE	SAMP. DATE	: 10/07/2022 12:11:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378489
		RESULT DATE	: 10/07/2022 1:47:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### CBC (COMPLETE BLOOD COUNT)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HAEMOGLOBIN (Hb)	13.8 gm%	Normal	13.5 - 17.5
TOTAL RBC COUNT	4.99 Million/cumm	Normal	4.5 - 5.9
HAEMATOCRIT (PCV)	41.4 %	Low	41.5 - 50.4
RBC INDICES			
MCV	82.9 f l	Normal	78 - 96
MCH	27.6 pg	Normal	27 - 32
MCHC	33.3 %	Normal	33 - 37
RDW	13.0 %	Normal	11 - 16
TOTAL WBC COUNT (TLC)	5700 /cumm	Normal	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	62 %	Normal	0 - 75
LYMPHOCYTES	31 %	Normal	22 - 48
EOSINOPHILS	03 %	Normal	0 - 6
MONOCYTES	04 %	Normal	2 - 10
BASOPHILS	00 %	Normal	0 - 2
BANDS	00 %	Normal	0 - 5
BLAST	00 %	Normal	
PLATELET COUNT	314000 /cumm	Normal	150000 - 450000

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378480
		RESULT DATE	: 10/07/2022 1:01:00PM
		TPA	: MEDIWHEEL

**DEPARTMENT OF PATHOLOGY**

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>BUN (BLOOD UREA NITROGEN)</b>			
BUN (BLOOD UREA NITROGEN)	8.41 mg / dl	Normal	8 - 23
<b>GGT (GAMMA GLUTAMYL TRANSFERASE)</b>			
GGT (GAMMA GLUTAMYL TRANSFERASE)	14 U / L	Normal	8 - 52

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AGE/SEX	: 35Y/MALE	SAMP. DATE	: 10/07/2022 12:11:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378482
		RESULT DATE	: 10/07/2022 12:59:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### URIC ACID

PARAMETER	VALUE	RESULT	REFERENCE RANGE
URIC ACID	6.54 mg/dL	Normal	3.6 - 7.7

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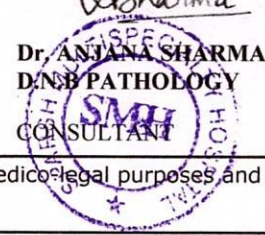
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AGE/SEX	: 35Y/MALE	SAMP. DATE	: 10/07/2022 12:11:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378487
		RESULT DATE	: 10/07/2022 12:12:00PM
		TPA	: MEDIWHEEL

**DEPARTMENT OF PATHOLOGY**

**BLOOD GROUPING AND RH TYPING**

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD GROUP	"A"		-
RH FACTOR	Positive		-

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378483
		RESULT DATE	: 10/07/2022 1:01:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### CREATININE

PARAMETER	VALUE	RESULT	REFERENCE RANGE
CREATININE	0.96 mg / dl	Normal	0.6 - 1.2

*Ashama*

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378480
		RESULT DATE	: 10/07/2022 1:57:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### SERUM PSA TOTAL

PARAMETER	VALUE	RESULT	REFERENCE RANGE
PSA (TOTAL)	0.357 ng/ml	Normal	0 - 4

Note:  
PSA is a member of the kallikrein-related peptidase family and is secreted by the epithelial cells of the prostate glands. PSA is produced for the ejaculate where it liquifies semen in the terminal coagulum and allows sperms to swim freely.

Increased value:

Elevated serum PSA concentration are found in men with prostate cancer, benign prostatic hyperplasia (BPH) or inflammatory condition of other adjacent genitourinary tissue it is a accurate marker for monitoring advancing clinical stage in untreated patients of ca prostate and for monitoring response to therapy by radical prostatectomy, radiation therapy and anti androgen therapy.

Clinical Use

- 1) An aid in the early detection of Prostate cancer when used in conjunction with Digital rectal examination in males more than 50 years of age and in those with two or more affected first degree relatives.
- 2) Followup and management of Prostate cancer patients
- 3) Detect metastatic or persistent disease in patients following surgical or medical treatment of Prostate cancer.

Note:

1) Diagnosis of a disease should not be based on the result of a single test, but should be determined in conjunction with clinical findings in association with medical judgement.

2) Patient sample containing human anti mouse antibodies (HAMA) may give falsely elevated or decreased values. Although HAMA-neutralizing agents are added, extremely high HAMA serum concentration may occasionally influence results.

3) Therapeutic intervention may strongly influence the f/t PSA ratio. Manipulations at the prostate may also lead to variations in the f/t PSA ratio.

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AGE/SEX	: 35Y/MALE	SAMP. DATE	: 10/07/2022 12:11:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378486
		RESULT DATE	: 10/07/2022 5:20:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### URINE SUGAR PP

PARAMETER	VALUE	RESULT	REFERENCE RANGE
URINE FOR SUGAR	Nil		-

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378491
		RESULT DATE	: 10/07/2022 12:58:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### BLOOD SUGAR - FASTING AND PP

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD SUGAR FASTING	88 mg/dL	Normal	80 - 120
BLOOD SUGAR PP	108 mg/dL	Low	120 - 140

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## DEPARTMENT OF PATHOLOGY

### URINE SUGAR PP

PARAMETER	VALUE	RESULT	REFERENCE RANGE
URINE FOR SUGAR	Nil		-

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## DEPARTMENT OF PATHOLOGY

### T3,T4 TSH

PARAMETER	VALUE	RESULT	REFERENCE RANGE
T3 (TRIIODOTHYRONINE)	1.493 ng/ml	Normal	0.69 - 2.15
T4 (THYROXINE)	91.65 ng/ml	Normal	52 - 127
TSH (THYROID STIMULATING HORMONE)	2.078 uIU/ml	Normal	0.3 - 4.5

REFERENCE GROUP REFERENCE RANGE in uIU/mL  
As per American Thyroid Association

Adult Females (> 20 years)	0.30- 4.5
Pregnancy	
1st Trimester	0.10- 2.50
2nd Trimester	0.20 - 3.00
3rd Trimester	0.30 - 3.00

#### Note:


TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.

1. Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
1. Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.

#### Clinical Use

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic - Pituitary hypothyroidism
- Inappropriate TSH secretion
- Nonthyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378488
		RESULT DATE	: 10/07/2022 1:01:00PM
		TPA	: MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### HBA1c (GLYCOSYLATED HAEMOGLOBIN)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HBA1 C (GLYCOSYLATED HEAMOGLOBIN)	5.8 %	Normal	4 - 6

#### Interpretation

As per American diabetes Association (ADA)

Reference Group - HbA1c In%  
Non diabetic  $\geq 18$  years - 4.0 - 6.0  
At risk (Prediabetes) -  $\geq 6.0$  to  $\leq 6.5$   
Diagnosing diabetes -  $\geq 6.5$

#### Therapeutic goals for glycemic control

- Age  $> 19$  years
- Goal of therapy:  $< 7.0$
- Action suggested:  $> 8.0$
- Age  $< 19$  years
- goal of therapy:  $< 7.5$

#### Note:

1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient is recently under good control may still have a high concentration of HbA1c. converse is true for a diabetic previously under good control now poorly controlled.

2. Target goals of  $< 7.0$  % may be beneficial in patient with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patient with significant complication of diabetes, limited life expectancy of extensive co-morbid condition, targeting a goal of  $< 7.0$  % may not be appropriate.

#### Comments

HbA1c provides an index of average blood glucose levels over the past 8-12 weeks and is a much better indicator of long glycemic control as compared to blood and urinary glucose determination.

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10378492
		RESULT DATE	: 10/07/2022 2:19:00PM
		TPA	: MEDIWHEEL

**DEPARTMENT OF PATHOLOGY**

**URINE ROUTINE AND MICROSCOPY**

PARAMETER	VALUE	RESULT	REFERENCE RANGE
<b>PHYSICAL EXAMINATION</b>			
QUANTITY	10 ml	-	-
COLOUR	Pale Yellow	-	-
APPEARANCE	Clear	-	-
REACTION	Acidic	-	-
<b>CHEMICAL EXAMINATION</b>			
ALBUMIN	Nil	-	-
SUGAR	Nil	-	-
<b>MICROSCOPIC EXAMINATION</b>			
EPITHELIAL CELLS	1-2 /hpf		0 - 5
PUS CELLS	1-2 /hpf		1 - 2
RBC	Nil /hpf		-
CAST	Nil /lpf		-
CRYSTAL	Nil		-
AMORPHOUS MATERIAL DEPOSIT	Nil		-
OTHERS	Nil		-

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TPA : MEDIWHEEL

## DEPARTMENT OF PATHOLOGY

### LFT (LIVER FUNCTION TEST)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BILIRUBIN TOTAL	1.45 mg/dL	High	0.1 - 1.2
BILIRUBIN DIRECT	0.36 mg / dl	Normal	0.1 - 0.6
BILIRUBIN INDIRECT	1.09 mg / dl	High	0.1 - 0.4
ALKALINE PHOSPHATASE	152 U / L	Normal	0 - 270
SGOT	22 U / L	Normal	10 - 55
SGPT	20 U / L	Normal	0 - 40
TOTAL PROTEIN	8.06 g / dl	High	6 - 8
ALBUMIN	4.96 g/dl	Normal	4 - 5
GLOBULIN	3.10:1 g / dl		2 - 3.5
A.G.RATIO	1.60:1		1 - 2.5

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Age / Sex	: 35Y / MALE		:
Consultant	: DR. HOSPITAL CASE	Order Date	: 10/07/2022 11:09AM
Ref. By	: DR. HOSPITAL CASE	Samp.Date	:
Category	: MEDIWHEEL	Report Date	: 16/07/22 06:26PM

**X-RAY**  
**X-RAY CHEST PA. VIEW**

- Cardiothoracic ratio is within normal limits.
- No significant lung lesion seen.
- Bilateral C.P. angles are clear.
- Bony cage and soft tissue normal.

**IMPRESSION**

- No Remarkable Abnormality Detected .

- Please correlate clinically

**Dr. SAMIR KATHALE**  
**MBBS, DNB(RADIO), MNAMS, MANBD**  
**Fetal Ultrasound & Fetal Medicine (FGI-BFMC)**  
Reg No. CGMC-4404/2012

Please bring all your previous reports. You should preserve and bring this report for future reference.