

Centre

 Age/Gender
 OP/IP No/UHID

 MaxID/Lab ID
 Collection Date/Time

 Ref Doctor
 Reporting Date/Time

Clinical Biochemistry

Male Weight Management Panel

CRP- C- Reactive Protein*, Serum

Date 27/Nov/2025 27/Nov/25 Unit Bio Ref Interval

10:47AM 09:52AM

CRP **0.91 0.87** mg/dl <= 0.33

Latex enhanced immunoturbidimetry

Patient Name

Interpretation This helps in detecting neonatal septicemia, meningitis and useful to assess the activity of inflammatory diseases like rheumatoid arthritis. It is increased after myocardial infarction, stress, trauma, infection, inflammation, surgery, or neoplastic proliferation. The increase with inflammation occurs within 6 -12 hours and peaks at about 48 hours.

Page 1 of 12

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Patient Name	Centre
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Clinical Biochemistry Male Weight Management Panel

Kidney Function Test (KFT) Profile with Calcium, Uric Acid*, Serum

Date	27/Nov/2025 10:47AM	Unit	Bio Ref Interval
Urea calculated(UN_c value)	27.3	mg/dl	19.26 - 49.22
Blood Urea Nitrogen Urease with GLDH	12.74	mg/dL	9.0 - 23.0
Creatinine jaffe,alkaline picrate, kinetic with blank rate co	0.81	mg/dL	0.70 - 1.30
eGFR by MDRD MDRD	106.94	ml/min/1.73 m²	3
eGFR by CKD EPI 2021	115.28		
Bun/Creatinine Ratio Calculated	15.73	ratio	10.0 - 20.0
Uric Acid Uricase,peroxidase	6.8	mg/dl	3.7 - 9.2
Calcium (Total) Arsenazo Colorimetric	9.2	mg/dl	8.7 - 10.4
Sodium MT	140.0	mmol/L	136 - 145
Potassium MT	4.76	mmol/L	3.5 - 5.1
Chloride MT	104	mmol/L	98 - 107

Ref. Range eGFR - Estimated Glomerular Filteration Rate is calculated by MDRD equation which is most accurate for GFRs \leq 60ml / min /1.73 m².MDRD equation is **used for adult population only.**

Category	Ref Interval (ml / min / 1.73 m²)	Condition	
G1	≥90	Normal or High	
G2	60 - 89	Mildly Decreased	
G3a	45 - 59	Mildly to Moderately Decreased	
G3b	30 - 44	Moderately to Severly Decreased	
G4	15 - 29	Severly Decreased	
G5	< 15	Kidney failure	

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Page 2 of 12

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Patient Name Age/Gender

Centre

Age/Gender MaxID/Lab ID Ref Doctor

OP/IP No/UHID
Collection Date/Time
Reporting Date/Time

Clinical Biochemistry

Male Weight Management Panel

EIN Na DORGON

Kindly correlate with clinical findings

*** End Of Report ***

Dr. Partho Baruah

Dr. Partho Baruah Technical Head & Principal Consultant MBBS, DCP (Pathology)

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Page 3 of 12



Patient Name	Centre
Age/Gender	OP/IP No/UHID
MaxID/Lab ID	Collection Date/Time
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Immunoassay	
	SIN No:B2B8722333

Male Weight Management Panel

Test Name	Result	Unit	Bio Ref Interval

Homa-IR Insulin Resistance Index, Fluoride Plasma

Hexokinase,	CMIA
HOXONIII GOO,	OHILL

Glucose (Fasting) Hexokinase	84.0	mg/dL	74 - 99
Insulin Serum , Fasting	6.93	uU/mL	2.00 - 25.00
Beta Cell Function (%B)	102.00	%	
Insulin Sensitivity (%S)	113.00	%	
Homa IR Index	0.88		<2.50

Interpretation

Homeostatic model assessment (HOMA) is a method for assessing beta cell function (%B) and insulin sensitivity (%S) from fasting glucose and insulin concentrations. HOMA can be used to track changes in insulin sensitivity and beta cell function to examine natural history of diabetes. Insulin sensitivity is reduced in normal subjects having first degree relative with type 2 diabetes compared with control subjects. Changes in beta cell sensitivity in subjects on insulin secretogogues may be useful in determining beta cell function over a period.

Kindly correlate with clinical findings

*** End Of Report ***

Dr. Poonam. S. Das, M.D. Principal Director-Max Lab & Blood Bank Services Dr. Dilip Kumar M.D. Director & Quality Manager

Associate Consultant Biochemistry

Page 4 of 12



Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017 Booking Centre: 2277 - Home Collection DNCR, N-110, Panchsheel Park, 7982100200

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n Dncr Centre

Age/Gender OP/IP No/UHID MaxID/Lab ID Collection Date/Time Ref Doctor Reporting Date/Time

> Serology

Male Weight Management Panel

Bio Ref Interval Test Name Result Unit

C-Peptide Fasting

Patient Name

C-Peptide Fasting 2.51 ng/mL 1.10 - 4.40

Kindly correlate with clinical findings

*** End Of Report ***

Dr.Poonam.S. Das. M.D. Principal Director-Max Lab & Blood Bank Services

Director, Microbiology & Molecular

Dr. Rup Jyoti Chandak, M.D. Sr. Consultant, Microbiology

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Page 5 of 12



Patient Name	Centre
Age/Gender	OP/IP No/UHID
MaxID/Lab ID	Collection Date/Time
Ref Doctor	Reporting Date/Time

Clinical Biochemistry

Male Weight Management Panel

HbA1c (Glycated/ Glycosylated Hemoglobin) Test*, EDTA

HPLC

Date	27/Nov/202 10:47AM	5 27/Nov/25 09:52AM	Unit	Bio Ref Interval
Glycosylated Haemoglobin(Hb A1c) HPLC	5.40	5.40	%	< 5.7
Glycosylated Haemoglobin(Hb A1c) IFCC Calculated	35.51	35.51	mmol/mol	I < 39.0
Average Glucose Value For the Last 3 Months Calculated	108.28	108.28	mg/dL	
Average Glucose Value For the Last 3 Months IFCC Calculated	6.00	6.00	mmol/L	

Interpretation The following HbA1c ranges recommended by the American Diabetes Assocation(ADA) may be used as an aid in the diagnosis of diabetes mellitus.

HbA1C(NGSP %)	HbA1C(IFCC mmol/mol)	Suggested Diagnosis
<u>></u> 6.5	<u>≥48</u>	Diabetic
5.7 - 6.4	39 - 47	Pre- Diabetic
< 5.7	< 39	Non - Diabetic

HbA1C provides a useful index of average glycaemia over the preceding 6-8 weeks.

It is suggested that HbA1c is measured every 6 months in stable patients, every 3 months in patients with unstable metabolic control and every month in pregnancy. Increased Glycated hemoglobin is a reflection of Hyperglycemia.

Kindly correlate with clinical findings

*** End Of Report ***

Dr. Partho Baruah Technical Head & Principal Consultant MBBS, DCP (Pathology) HMC No.- HN 22564

Page 6 of 12

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Max Super Speciality Hospital, Saket (West Block), 1, Press Enclave Road, Saket, New Delhi - 110 017, Phone: +91-11-6611 5050 (CIN No.: U85100DL2021PLC381826)



Patient NameCentreAge/GenderOP/IP No/UHIDMaxID/Lab IDCollection Date/TimeRef DoctorReporting Date/Time

Immunoassay

SIN No:B2B8722333

Male Weight Management Panel

Estradiol (E2), Serum (ULTRASENSITIVE)

Date 27/Nov/2025 Unit Bio Ref Interval

10:47AM

Estradiol 41.07 pg/mL 20 - 75

CLIA

Ref Range Males:

Pediatric Male (0 to < 1 year): upto 38.2 Pre-puberty Male (1 to < 12 Years): upto -15Puberty Male (12 to < 19 Years): upto 34.8 Adult Male (\geq 19 years): upto 31.5

Females:

Pediatric Female (0 to < 1 year): upto 38.2 Pre-puberty female (1 to < 12 Years): upto 16 Puberty Female (12 to < 19 Years): upto 196

Non - Pregnant Females:

Early Follicular: 22.4-115Mid Follicular: 25.0-115Ovulatory Peak: 32.1-517Mid Luteal: 36.5-246

Post - Menopausal Females: upto 25.1

Cortisol (Morning Sample), Serum

Date 27/Nov/2025 Unit Bio Ref Interval

10:47AM

Cortisol, Serum (Morning) 11.74 µg/dL 6.7-22.6

CLIA

Interpretation Highly increased in Ectopic ACTH syndrome, Increased in Cushing's (pituitary) disease, adrenal adenoma, carcinoma

Decreased in Addison's disease, congenital adrenal hyperplasia (adrenogenital syndromes), hypopituitarism There is diurnal variation in secretion of cortisol; the level at 8:00 PM is normally half of the level at 8:00 AM. Loss of diurnal variation is often seen in Cushing's syndrome.

Kindly correlate with clinical findings

*** End Of Report ***

Page 7 of 12

MC-2714

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 Patient Name
 Centre

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 MaxID/Lab ID
 Collection Date/Time

 Ref Doctor
 Reporting Date/Time

Immunoassay

SIN No:B2B8722333

Male Weight Management Panel

Dr. Poonam. S. Das, M.D. Principal Director-Max Lab & Blood Bank Services

Dr. Dilip Kumar M.D.Director & Quality Manager

ne

Dr. Rajeev Kumar, DCP, MD Associate Consultant Biochemistry

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MC-2714

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Page 8 of 12



 Patient Name
 Centre

 Age/Gender
 OP/IP No/UHID

 MaxID/Lab ID
 Collection Date/Time

 Ref Doctor
 Reporting Date/Time

Male Weight Management Panel

Testosterone, Total, Serum*

Date 27/Nov/2025 Unit Bio Ref Interval

10:47AM

Testosterone (total) 401.02 ng/dl 197.44 - 669.58

CLIA

Interpretation

MBBS, DCP (Pathology) HMC No.- HN 22564

Increase in Idiopathic sexual precocity and adrenal hyperplasia in boys, some adrenocortical tumors, extragonadal tumors producing gonadotropin in men, trophoblastic disease during pregnancy, testicular feminization, idiopathic hirsutism, virilizing ovarian tumors, arrhenoblastoma, hilar cell tumor, and virilizing luteoma.

Secretion is episodic, with peak about 7:00 AM and minimum about 8:00 PM; pooled samples are more reliable.

Decreased in Down syndrome, uremia, myotonic dystrophy, hepatic insufficiency, cryptorchidism, primary and secondary hypogonadism, and delayed puberty in boys.

Kindly correlate with clinical findings

*** End Of Report ***

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Page 9 of 12



Patient Name	Centre	ncr
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Ref Doctor	Reporting Date/Time	

Clinical Biochemistry

Male Weight Management Panel

Lipid Profile.Serun	١°

Date	27/Nov/2025 10:47AM	5 27/Nov/25 09:52AM	Unit	Bio Ref Interval
Cholesterol Colorimetri Cholestrol esterse and chole	265	259	mg/dL	< 200
HDL Cholesterol Accelerator selective detergent methodology	39.1	39.2	mg/dL	> 40
LDL Cholesterol Direct	174	167	mg/dL	
Triglyceride GPO	260.0	263.0	mg/dL	30 - 149
VLDL Cholesterol Calculated	52.0	52.6	mg/dl	< 30
Total Cholesterol/HDL Ratio Calculated	6.8	6.6		0.0-4.9
Non-HDL Cholesterol Calculated	225.90	219.80	mg/dL	< 130
HDL/LDL Calculated	0.22	0.23	Ratio	0.3 - 0.4

Interpretation

Total Cholesterol	Desirable: < 200 mg/dL Borderline High: 200-239 mg/dL High ≥ 240 mg/dL	LDL-C	Optimal: < 100 mg/dL Near Optimal/ Above Optimal: 100- 129 mg/dL Borderline High: 130-159 mg/dL High: 160-189 mg/dL Very High: ≥ 190 mg/dL
HDL-C	Low HDL: $< 40 \text{ mg/dL}$ High HDL: $\ge 60 \text{ mg/dL}$	Triglyceride	Normal: <150 mg/dL Borderline High: 150-199 mg/dL High: 200-499 mg/dL Very High: ≥ 500 mg/dL

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Page 10 of 12



 Patient Name
 Centre

 Age/Gender
 OP/IP No/UHID

 MaxID/Lab ID
 Collection Date/Time

 Ref Doctor
 Reporting Date/Time

Clinical Biochemistry

SIN No:B2B8722333

Male Weight Management Panel

Liver Function Test (LFT)*, Serum

Date	27/Nov/2025		Unit	Bio Ref Interval
	10:47AM	09:52AM		
Total Protein Biuret	7.70	7.70	g/dl	5.7 - 8.2
Albumin Bromcresol Green	4.5	4.6	g/dL	3.4 - 5.0
Globulin Calculated	3.2	3.1	g/dL	2.7 - 4.3
A.G. ratio Calculated	1.4	1.5		1.2 - 1.5
Bilirubin (Total) Vanadate oxidation	0.9	0.9	mg/dl	0.3 - 1.2
Bilirubin (Direct) Vanadate oxidation	0.19	0.19	mg/dl	<=0.3
Bilirubin (Indirect) Calculated	0.71	0.71	mg/dL	0.1 - 1.0
SGOT- Aspartate Transaminase (AST) Modified IFCC	34	34	U/L	13 - 40
SGPT- Alanine Transaminase (ALT) Modified IFCC	40	42	U/L	10 - 49
AST/ALT Ratio Calculated	0.85	0.81	Ratio	
Alkaline Phosphatase IFCC Standardization	86	86	U/L	46 - 116
GGTP (Gamma GT), Serum Enzymatic Rate	58.0	58.0	U/L	7 - 50

Kindly correlate with clinical findings

*** End Of Report ***

Dr. Partho Baruah Technical Head & Principal Consultant MBBS, DCP (Pathology) HMC No.- HN 22564

Page 11 of 12

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Patient Name	Centre
Age/Gender	OP/IP No/UHID
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Immunoassay	SIN No: B2B8722333
Male Weight Management Panel	SIN NO:B2B8/22333

Thyroid Profile (Free T3, Free T4 & TSH)*, Serum

Date	27/Nov/2025 27/Nov/25		Unit	Bio Ref Interval
	10:47AM	09:52AM		
Free Triiodothyronine (FT3) CLIA	2.83	2.80	pg/mL	2.3 - 4.2
Free Thyroxine (FT4) CLIA	1.34	1.32	ng/dL	0.89 - 1.76
Thyroid Stimulating Hormone CLIA	5.930	6.161	μIU/mL	0.55 - 4.78

Comment

Parameter	Unit	Premature (28 - 36weeks)	Cord Blood (> 37 weeks)	Upto 2 Month	1st Trimester	2nd Trimester	3rd Trimester
FT3	Pg/mL		0.15 - 3.91	2.4 - 5.6	2.11 - 3.83	1.96 - 3.38	1.96 - 3.38
FT4	ng/dl		1.7 - 4.0		0.7- 2.0	0.5 - 1.6	0.5 - 1.6
TSH	uIU/ml	0.7 - 27.0	2.3 - 13.2	0.5 - 10	0.05 - 3.7	0.31 - 4.35	0.41 - 5.18

Note : TSH levels are subject to circadian variation, reaching peak levels between 2-4 am and at a minimum between 6-10 pm. The variation is of the order of 50% - 206 %, hence time of the day has influence on the measured serum TSH concentrations.

Comment: TSH - Ultrasensitive Kindly correlate with clinical findings

*** End Of Report ***

Dr. Partho Baruah Technical Head & Principal Consultant MBBS, DCP (Pathology) HMC No.- HN 22564 Results to follow:

Free Testosterone, Serum: 02/Dec/2025 07:00 PM

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Page 12 of 12