

### Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No
Max ID/Mobile	Collection Date/Time
Lab ID	Receiving Date
Ref Doctor	Reporting Date
Passport No.	

#### Clinical Biochemistry Max Infertility Panel

#### KFT Profile with Calcium,Uric Acid\*, Serum

Date	29/Oct/2021 04:57PM	Unit	Bio Ref Interval
Urea Urease, UV	20.1	mg/dL	17.0 - 43.0
Creatinine Rate-Jaffe	0.66	mg/dl	0.61 - 1.24
eGFR MDRD	105.16	ml/min/1.73 m <sup>2</sup>	
Uric Acid Uricase, Colorimetric	5.7	mg/dL	2.6 - 6.0
Calcium (Total) Arsenazo III	8.9	mg/dL	8.8 - 10.6
Sodium ISE Indirect	138.0	mmol/L	136 - 146
Potassium ISE indirect	3.7	mmol/L	3.5 - 5.1
Chloride ISE indirect	101.0	mmol/L	101 - 109
Bicarbonate Enzymatic	26.0	mmol/L	21 - 31

#### Interpretation Ref. Range

eGFR - Estimated Glomerular Filtration Rate is calculated by MDRD equation which is most accurate for GFRs  $\leq$  60ml / min /1.73 m<sup>2</sup>.MDRD equation is used for adult population only.

<60ml / min / 1.73 m<sup>2</sup> - Chronic Kidney Disease

<15 ml / min /1.73 m<sup>2</sup> - Kidney failure

Kindly correlate with clinical findings

\*\*\* End Of Report \*\*\*





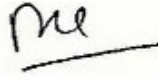
### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Clinical Biochemistry Max Infertility Panel



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



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



**Dr. Nitin Dayal, M.D.**  
Principal Consultant & Head,  
Haematopathology





### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Serology Max Infertility Panel

Test Name	Result	Unit	Bio Ref Interval
-----------	--------	------	------------------

#### Rubella IgG + Rubella IgM, Serum\*

ECLIA

Rubella IgG	80.34	IU/mL	
Rubella IgM	0.402	COI	

#### Ref Range (Rubella IgG)

Non Reactive < 10.0  
Reactive >= 10.0

#### Ref. Range (Rubella IgM)

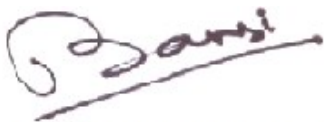
Negative < 0.80  
Equivocal >=0.80 -1.0  
Positive >= 1.0

#### Interpretation

Positive IgG antibodies indicate an exposure to virus, either after infection or vaccination.  
Positive IgM antibodies to Rubella virus is seen in recent infection.

Kindly correlate with clinical findings

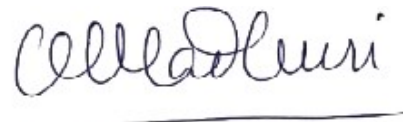
\*\*\* End Of Report \*\*\*



**Dr. Bansidhar Tarai, M.D.**  
Associate Director  
Microbiology & Molecular Diagnostics



**Dr. Poornima Sen, M.D.**  
Consultant - Microbiology



**Dr. Madhuri Somani, M.D., DNB**  
Consultant - Microbiology





### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Clinical Biochemistry Max Infertility Panel

#### Liver Function Test Profile, Serum

Date	29/Oct/2021 04:57PM	Unit	Bio Ref Interval
Total Protein Biuret	7.50	g/dL	6.6 - 8.3
Albumin Bromocresol Green (BCG)	4.3	g/dL	3.5 - 5.2
Globulin Calculated	3.2	g/dl	2.3 - 3.5
A.G. ratio Calculated	1.3		1.2 - 1.5
Bilirubin (Total) DPD	0.49	mg/dL	0.3 - 1.2
Bilirubin (Direct) Diazotization	0.10	mg/dL	0.0 - 0.2
Bilirubin (Indirect) Calculated	0.39	mg/dL	0.1 - 1.0
SGOT- Aspartate Transaminase (AST) UV without P5P	26	U/L	< 50
SGPT- Alanine Transaminase (ALT) UV without P5P	14	IU/L	< 35
Alkaline Phosphatase PNPP, AMP Buffer	82	IU/L	30 - 120
GGTP (Gamma GT), Serum Enzymatic Rate	12.0	IU/L	< 38

Kindly correlate with clinical findings

\*\*\* End Of Report \*\*\*



Page 4 of 14

SIN No: b2b934989, Test Performed at : 910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017  
Booking Centre : 924 - Primex Diagnostics Center, L-160, Saurabh Vihar, Jaitpur, Badarpur, New Delhi - 110044, 9911461169

The authenticity of the report can be verified by scanning the Q R Code on top of the page

Max Lab Limited (A Wholly Owned Subsidiary of Max Healthcare Institute Ltd.)

Max Super Speciality Hospital, Saket (West Block), 1, Press Enclave Road, Saket, New Delhi - 110 017, Phone: +91-11-6611 5050

(CIN No.: U85100DL2021PLC381826)

Helpline No. 7982 100 200 [www.maxlab.co.in](http://www.maxlab.co.in) [feedback@maxlab.co.in](mailto:feedback@maxlab.co.in)

**Conditions of Reporting:** 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The test results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory. 3. The reported results are for the information and interpretation by the referring doctor only. 4. Some tests are referred to other laboratories to provide a wider test menu to the customer. 5. Max Healthcare shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and mala fide act or omission of Max Healthcare or its employees. Liability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.



MC-2714



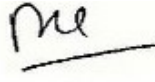
### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Clinical Biochemistry Max Infertility Panel



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



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



**Dr. Nitin Dayal, M.D.**  
Principal Consultant & Head,  
Haematopathology





### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Clinical Pathology Max Infertility Panel

#### Urine Routine And Microscopy

<b>Date</b>	<b>29/Oct/2021 04:57PM</b>	<b>Unit</b>	<b>Bio Ref Interval</b>
-------------	--------------------------------	-------------	-------------------------

#### Macroscopy

Reflectance photometry

Colour	Light-Yellow		Pale Yellow
PH	6.0	..	5-6
Specific Gravity	<b>1.011</b>		1.015 - 1.025
Protein	Nil		Nil
Glucose.	Nil		Nil
Ketones	Nil		Nil
Blood	Trace		Nil
Bilirubin	Nil		Nil
Urobilinogen	Normal		Normal
Nitrite	Negative		

#### Microscopy

Light Microscopy/Image capture microscopy

Red Blood Cells (RBC)	Occasional	/HPF	Nil
White Blood Cells	0 - 1	/HPF	0.0-5.0
Squamous Epithelial Cells	0 - 1	/HPF	
Cast	Nil	/LPF	Nil
Crystals	Nil	..	Nil
Bacteria	Nil	/HPF	Nil

Kindly correlate with clinical findings

\*\*\* End Of Report \*\*\*





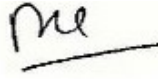
### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Clinical Pathology Max Infertility Panel



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



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



**Dr. Nitin Dayal, M.D.**  
Principal Consultant & Head,  
Haematopathology





### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Hematology Max Infertility Panel

#### CBC (Complete Blood Count), Whole Blood EDTA

Date	29/Oct/2021 04:57PM	Unit	Bio Ref Interval
Haemoglobin	13.0	g/dl	12.0 - 15.0
Packed Cell, Volume Calculated	41.7	%	36-46
Total Leucocyte Count (TLC) Electrical Impedance	4.5	10~9/L	4.0-10.0
RBC Count Electrical Impedance	4.55	10~12/L	3.8-4.8
MCV Electrical Impedance	91.5	fL	83-101
MCH Calculated	28.5	pg	27-32
MCHC Calculated	31.2	g/dl	31.5-34.5
Platelet Count Electrical Impedance	150	10~9/L	150-410
Comment: The platelet count has also been rechecked microscopically.			
MPV Calculated	13.9	fl	7.8-11.2
RDW Calculated	16.0	%	11.5-14.5

#### Differential Cell Count

VCS / Light Microscopy

Neutrophils	57.9	%	40-80
Lymphocytes	27.4	%	20-40
Monocytes	9.2	%	2-10
Eosinophils	4.5	%	1-6
Basophils	1.0	%	0-2

#### Absolute Leukocyte Count

Calculated from TLC & DLC

Absolute Neutrophil Count	2.61	10~9/L	2.0-7.0
Absolute Lymphocyte	1.2	10~9/L	1.0-3.0



SIN No: b2b934989, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017  
Booking Centre :924 - Primex Diagnostics Center, L-160, Saurabh Vihar, Jaitpur, Badarpur, New Delhi - 110044, 9911461169

The authenticity of the report can be verified by scanning the Q R Code on top of the page







### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Hematology Max Infertility Panel

#### Count

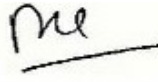
Absolute Monocyte Count	0.41	10~9/L	0.2-1.0
Absolute Eosinophil Count	0.2	10~9/L	0.02-0.5
Absolute Basophil Count	0.05	10~9/L	0.02-0.1

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.**  
Associate Director &  
Manager Quality



**Dr. Nitin Dayal, M.D.**  
Principal Consultant & Head,  
Haematopathology





### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Immunoassay Max Infertility Panel

#### Estradiol (E2),Serum

Date	29/Oct/2021 04:57PM	Unit	Bio Ref Interval
Estradiol CLIA	36	pg/mL	

#### Ref Range

Male	20 - 75
Post - Menopausal (Female)	20 - 88
<b>Estradiol -Total (Non - Pregnant Females)</b>	
Mid Follicular Phase	24 - 114
Mid - Luteal Phase	80 - 273
Periovulatory	62 - 534





### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Immunoassay Max Infertility Panel

### FSH - Follicle Stimulating Hormone, Serum

Date	29/Oct/2021 04:57PM	Unit	Bio Ref Interval
Follicle Stimulating Hormone CLIA	6.78	mIU/mL	

#### Ref. Range

Adult Male	1.27 - 19.26
Adult Female :	
Follicular	3.85 - 8.78
Midcycle Peak	4.54 - 22.51
Luteal Phase	1.79 - 5.12
Post Menopausal (>50 Yrs)	16.74 - 113.59

#### Interpretation

Increased in primary gonadal failure, ovarian or testicular agenesis, Klinefelter's syndrome, Reifenstein's syndrome, castration, alcoholism, menopause, orchitis, gonadotropin-secreting pituitary tumors.

Decreased in anterior hypofunction, hypothalamic disorders, pregnancy, anorexia nervosa, polycystic ovarian disease, hemochromatosis, sickle cell anaemia, severe illness, hyperprolactinemia.

Pooled samples are advisable due to episodic, diurnal and cyclic variations in gonadotropin secretion.



SIN No: b2b934989, Test Performed at : 910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017  
Booking Centre : 924 - Primex Diagnostics Center, L-160, Saurabh Vihar, Jaitpur, Badarpur, New Delhi - 110044, 9911461169  
The authenticity of the report can be verified by scanning the Q R Code on top of the page





### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Immunoassay Max Infertility Panel

#### LH-Luteinizing Hormone , Serum

Date	29/Oct/2021 04:57PM	Unit	Bio Ref Interval
Luteinizing Hormone CLIA	10.38	mIU/mL	

#### Ref Range

LH(Male-Adult)	Reference Range
	1.24-8.62
<b>LH (Female-Adult)</b>	
Follicular	2.12-10.89
Mid Cycle Peak	19.18-103.03
Luteal Phase	1.2-12.86
Post Menopausal (>50 Year)	10.87-58.64

#### Interpretation

Increased in Primary gonadal dysfunction, polycystic ovarian syndrome (LH/FSH ratio is high in 60% cases), post-menopause, and pituitary adenoma. Decreased in pituitary or hypothalamic impairment, isolated gonadotropic deficiency associated with anosmia or hyposmia (Kallmann's syndrome), anorexia nervosa, isolated LH deficiency ("fertile eunuch"), sever stress, malnutrition, and sever illness. Pooled samples are advisable due to episodic, diurnal and cyclic variations in gonadotropin secretion.





**Laboratory Investigation Report**

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

**Immunoassay  
Max Infertility Panel**

**Prolactin, Serum**

Date	29/Oct/2021 04:57PM	Unit	Bio Ref Interval
Prolactin CLIA	15.85	ng/mL	

**Ref Range**

<b>Males :</b>	2.64 - 13.13
<b>Females :</b>	
Pre-menopausal (<50 years of age):	3.34 - 26.74
Postmenopausal (>50 years of age):	2.74 - 19.64

**Interpretation**

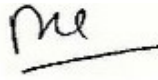
Increased in prolactin-secreting pituitary tumors, amenorrhea and/or galactorrhea, Chiari-Frommel and Argonz Del Cstillo syndromes, various types of hypothalamic-pituitary disease (e.g. sarcoidosis, granulomatous diseases, crangiopharyngioma, metastatic cancer, empty sella syndrome), primary hypothyroidism, anorexia nervosa, polycystic ovary syndrome, renal failure, insulin-induced hypoglycemia, chest wall injury, adrenal insufficiency, and pituitary stalk section surgery  
Decreased in pituitary apoplexy (Sheehan's Syndrome)

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.**  
Associate Director &  
Manager Quality



**Dr. Nitin Dayal, M.D.**  
Principal Consultant & Head,  
Haematopathology



SIN No:b2b934989, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017  
Booking Centre :924 - Primex Diagnostics Center, L-160, Saurabh Vihar, Jaitpur, Badarpur, New Delhi - 110044, 9911461169

The authenticity of the report can be verified by scanning the Q R Code on top of the page





### Laboratory Investigation Report

Patient Name	: Ms. Preeti Poddar	Centre	: 924 - Primex Diagnostics Center
Age/Gender	: 30 Y 0 M 0 D /F	OP/IP No	: /
Max ID/Mobile	: ML01529303/9932724524	Collection Date/Time	: 29/Oct/2021 04:57PM
Lab ID	: 0653102100192	Receiving Date	: 29/Oct/2021
Ref Doctor	: SELF	Reporting Date	: 29/Oct/2021
Passport No.	:		

#### Serology Max Infertility Panel

Test Name	Result	Unit	Bio Ref Interval
-----------	--------	------	------------------

#### Toxoplasma Antibody (IgG), Serum ECLIA

Toxo IgG	483.0	IU/mL	
----------	-------	-------	--

Kindly correlate with clinical findings

\*\*\* End Of Report \*\*\*

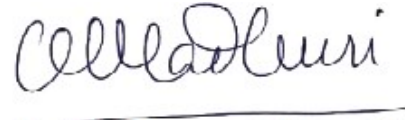


**Dr. Bansidhar Tarai, M.D.**

Associate Director  
Microbiology & Molecular Diagnostics



**Dr. Poornima Sen, M.D.**  
Consultant - Microbiology



**Dr. Madhuri Somani, M.D., DNB**  
Consultant - Microbiology

