



**RELIABLE**  
DIAGNOSTIC CENTRE PVT. LTD.

**PATIENT TEST REPORT**

Patient Name : **MRS. ASHA SONI 5458 / 703**

Lab No. : **JPB503122**

Age/Gender : **33 YEARS / FEMALE**

Ref. Doctor :

Date of Birth :

Passport No :

Case Number :

Client Name : **National Institute Of Ayurveda Hospitals Jaipur**

Registered On : **16-12-2022 05:15PM**

Collected On : **16-12-2022 05:16PM**

Authorized On : **16-12-2022 06:06PM**

Printed On : **17-12-2022 10:53AM**

Barcode : 

LIS Number : **1101503122**

Page 1 of 2

**Hormones & Markers**

Parameters	Value	Unit	Biological Ref Range
------------	-------	------	----------------------

**THYROID STIMULATING HORMONE (TSH)**

**TSH** 2.700  $\mu$ IU/mL 0.35-4.94

Method - Chemiluminescence with Serum

Clinical Information : Kindly correlate with age & clinical findings.

Reference Ranges (TSH)

Premature Infants 26-32 weeks ,3-4 Days 0.8 - 6.9 uIU/ml

Full Term Infants 4 Days 1.36 - 16 uIU/ml

Newborns : TSH surges within the first 15-60 Minutes of life reaching peak levels between 25- 60 uIU/ml at about 30 minutes.

Values then decline rapidly and after one week are within the adult normal range.

1 - 11 Months 0.90 - 7.70 uIU/ml

Prepubertal children 0.60 - 5.50 uIU/ml

Pubertal children and Adults 0.35 - 5.60 uIU/ml

**Pregnancy**

First Trimester 0.05-3.70

Second Trimester 0.31-4.35

Third Trimester 0.41-5.18

\*Pregnancy reference values for TSH provided as per recommendations by American Thyroid Association.

Primary malfunction of the thyroid gland may result in excessive(hyper) or low(hypo) release of T3 or T4. In addition, as TSH directly affects thyroid function, malfunction of the pituitary or the hypothalamus influences the thyroid gland activity. Disease in any portion of the thyroid-pituitary-hypothalamus system may influence the level of T3 and T4 in the blood, in Primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels may be low. In addition, in Euthyroid sick Syndrome, multiple alterations in serum thyroid function test findings have been recognized.



**Dr. G.N. Gupta**

M.D. Pathology

RMC NO: 005841/12949

**Dr. Nidhi P. Chanchlani**

DNB Pathology

RMC NO: 023892/25547



**Dr. S. Vijaya Devi**

M.D. Pathology

Consultant Pathologist



**RELIABLE**  
DIAGNOSTIC CENTRE PVT. LTD.

**PATIENT TEST REPORT**

Patient Name : **MRS. ASHA SONI 5458 / 703**  
Lab No. : **JPB503122**  
Age/Gender : **33 YEARS / FEMALE**  
Ref. Doctor :  
Date of Birth :  
Passport No :  
Case Number :



Registered On : **16-12-2022 05:15PM**  
Collected On : **16-12-2022 05:16PM**  
Authorized On : **16-12-2022 06:06PM**  
Printed On : **17-12-2022 10:53AM**  
Barcode :   
LIS Number : **1101503122**

Page 2 of 2

Client Name : **National Institute Of Ayurveda Hospitals Jaipur**

**Hormones & Markers**

Parameters	Value	Unit	Biological Ref Range
<b><u>HUMAN CHORIONIC GONADOTROPIN (BETA HCG)</u></b>			
<b>Beta HCG</b>	<b>809.89</b>	<b>mIU/mL</b>	Men < 3.0 mIU/mL Women < 10.0mIU/mL

*Method - Chemiluminescence with Serum*

Week of amenorrhoea	Expected hCG value (mIU/mL)
0.2-1 week	10 - 50
1-2 weeks	50 - 500
2-3 weeks	100 - 5000
3-4 weeks	500 - 10,000
4-5 weeks	1,000- 50,000
5-6 weeks	10,000-100,000
6-8 weeks	15,000-200,000
2nd & 3rd Month	10,000-100,000
2nd trimester	10,000- 30,000
3rd trimester	5,000 - 15,000

\*Serial Samples from women in the first 2 - 5 weeks of pregnancy have doubling times for HCG concentration ranging from 1.5 - 3 days, with a mean doubling time of 2.2 days. High levels are elevated in neoplasm which may or may not be of trophoblastic origin like Cancer of small -intestine, lung, testes, breast and prostate. Hydatidiform mole, choriocarcinoma and cerebral metastases also show elevated levels.

End of Report

Results relate only to the sample as received. Kindly correlate with clinical condition

Note : If the test results are alarming or unexpected, Client is advised to contact the Physician immediately for possible remedial action.

Processing Center - Reliable Diagnostic Centre Pvt. Ltd. , C- 314 A Hari Nagar, Jaipur- 302017



**Dr. G.N. Gupta**

M.D. Pathology

RMC NO: 005841/12949

**Dr. Nidhi P. Chanchlani**

DNB Pathology

RMC NO: 023892/25547

**Dr. S Vijaya Devi**

M.D. Pathology

Consultant Pathologist

