

# Indra Diagnostic Centre

B 1/2, Sector J, Near Sangam Chauraha, LDA Stadium Road, Aliganj, Lucknow

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Website:www.chandan.co.in | CIN : U85110DL2003PLC308206

<b>Registration No</b>	<b>: CALI-05102/17-18</b>	<b>Registered On</b>	<b>: 06-08-2017 11:17 AM</b>
<b>Patient Name</b>	<b>: DINESH KUMAR SINGH</b>	<b>Sample Received On</b>	<b>: 06-08-2017 1:05 PM</b>
<b>Age</b>	<b>: 33 Years</b>	<b>Reported On</b>	<b>: 06-08-2017 2:48 PM</b>
<b>Gender</b>	<b>: Male</b>		
<b>Doctor/Inst. Name</b>	<b>: Healthy India Mission -</b>		


## IMMUNOLOGY REPORT

Test Parameters	Value	Unit	Biological Reference Interval		
<b>T3</b> Method:ECLIA Sample:Serum	142.89	ng/dl	84.61-201.7 ng/dl		
<b>T4</b> Method:ECLIA Sample:Serum	7.88	ug/dl	3.2-12.6 ug/dl		
<b>TSH</b> Method:ECLIA Sample:Serum	3.87	μIU/mL	0.27-5.5	μIU/mL	Adults
			3-12	μIU/mL	Cord Blood
			4-9	μIU/mL	Neonatal( 1 - 4 Weeks)
			4-15	μIU/mL	New Born

### Interpretation :

- 1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.
- 2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.
- 3) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- 4) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- 5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.
- 6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
- 7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.
- 8) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

....End of Report....

DR. MAMTA BARTH WAL (M.D. Micro-Biology)	DR. NIRUPMA LAL (M.D. Pathology)	DR. VIJAY SOREN (M.D. Pathology)	Reported By
This report is not for medico legal purpose. If clinical correlation is not established kindly repeat the test at no additional cost within seven days.			
Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Online Booking Facilities for Diagnostic Tests and Health Check-ups, Online Report Viewing, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Conduction Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services* <b>365 Days Open</b>			
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