



**Yash M. Patel**

Age : 21 Years

Sex : Male

PID : 555



**Sample Collected At:**

125, Shivam Bungalow, S G Road,  
Mumbai

Ref. By: **Dr. Hiren Shah**



Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

## THYROID STIMULATING HORMON (TSH)

Investigation	Result	Reference Value	Unit
<b>TSH, SERUM</b> CLIA	<b>10.10</b> <b>High</b>	0.40 - 4.00	mU/L

### 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.

### Clinical Use :

- Diagnose Hypothyroidism and Hyperthyroidism
- Monitor T4 replacement or T4 suppressive therapy
- Quantify TSH levels in the subnormal range

### Increased Levels:

Primary hypothyroidism, Subclinical hypothyroidism, TSH dependent Hyperthyroidism, Thyroid hormone resistance

### Decreased Levels:

Graves disease, Autonomous thyroid hormone secretion, TSH deficiency

Thanks for Reference

\*\*\*\*End of Report\*\*\*\*

**Medical Lab Technician**  
(DMLT, BMLT)

**Dr. Payal Shah**  
(MD, Pathologist)

**Dr. Vimal Shah**  
(MD, Pathologist)

