



## Yashvi M. Patel

Age : 21 Years

Sex : Female

UHID : 556



### Sample Collected At:

125, Shiv complex, S G Road, Mumbai

Sample Collected By: Mr Suresh

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

## HAPTOGLOBIN

Investigation	Result	Reference Value	Unit
<b>Sample Type</b>	Serum (2 ml)	TAT : 2 hrs (Normal: 1 - 3 hrs)	
<b>HAPTOGLOBIN</b> Immunoturbidimetry	<b>50.00</b> <span style="color: green;">Normal</span>	41.00 - 165.00	mg/dL

### Comments :

The main function of Haptoglobin is to combine with the hemoglobin released by the lysis of the red cells to preserve body iron and protein stores. Serum Haptoglobin rises in response to stress, infection, acute inflammation, and tissue necrosis. After a hemolytic episode, Haptoglobin concentration falls as the complexes with hemoglobin are cleared from circulation. This test is also useful for serially monitoring patients who have a slow but steady rate of red cell breakdowns such as by mechanical heart valves, hemoglobinopathies, and exercise-associated trauma.

### High levels caused by:

Acute inflammation, Protein losing enteropathy, Protein losing nephropathy, Tissue necrosis, Stress.

### Low levels caused by:

Congenital deficiency, Hemolytic transfusion reaction, Thermal burns, Autoimmune hemolytic anemia.

Thanks for Reference

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

**Medical Lab Technician**

(DMLT, BMLT)

**Dr. Payal Shah**

(MD, Pathologist)

**Dr. Vimal Shah**

(MD, Pathologist)

