



**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

## BONE MINERAL DENSITY (BMD)

Investigation	Result	Reference Value	Unit
BONE MINERAL DENSITY (BMD) DEXA	- 1	Normal	

### Interpretation:

T - Score	INTERPRETATION
-1 and above	Normal bone density
-1 to -2.5	Low bone density (Osteopenia)
-2.5 and below	Osteoporosis

### High Levels causes :

- Overuse of calcium supplements - Excessive intake of calcium supplements.
- Hyperparathyroidism - Overactive parathyroid glands.
- Paget's disease - Excessive bone remodeling.
- Immobilization - Long-term bed rest or immobilization.
- Bone tumors or cancer metastasis - Abnormal growths affecting bone tissue.

### Low Levels causes :

- Aging - The natural decline in bone density with age.
- Postmenopausal status - Estrogen decline in women after menopause.
- Vitamin D deficiency - Inadequate levels of vitamin D in the body.
- Sedentary lifestyle - Lack of weight-bearing exercises.
- Chronic medical conditions - Conditions like rheumatoid arthritis or kidney disease.

Thanks for Reference

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

*H. Octaviani*

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

*Dr. Payal Shah*

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

*Dr. Vimal Shah*

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

