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## ManipalHospitals

LIFE'S ON



Name : MR AKASH VARDHAN Age : 31 Yr(s) Sex :Male  
Registration No : MH010185532 RefHosp No. : ghzb-0000174783 Lab No : 32220606495  
Patient Episode : R03000038939 Collection Date : 18 Jun 2022 19:04  
Referred By : MANIPAL HOSPITALS GHAZIABAD Reporting Date : 20 Jun 2022 09:11  
Receiving Date : 18 Jun 2022 19:17

### BIOCHEMISTRY

Glycosylated Hemoglobin

Specimen: EDTA

HbA1c (Glycosylated Hemoglobin) 5.7

As per American Diabetes Association (ADA)  
% [4.0-6.5] HbA1c in %  
Non diabetic adults  $\geq$  18years  $<$  5.7  
Prediabetes (At Risk) 5.7-6.4  
Diagnosing Diabetes  $\geq$  6.5

Methodology Turbidimetric inhibition immunoassay (TINIA)

Estimated Average Glucose (eAG) 117 mg/dl

Comments : HbA1c provides an index of average blood glucose levels over the past 8-12 weeks and is a much better indicator of long term glycemic control.

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Dr. Neelam Singal  
CONSULTANT BIOCHEMISTRY



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### BIOCHEMISTRY

#### THYROID PROFILE, Serum

			Adult > 20 yrs
T3 - Triiodothyronine (ECLIA)	1.28	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	9.42	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	1.270	µIU/mL	[0.340-4.250]

Note : TSH levels are subject to circadian variation, reaching peak levels between 2-4.a.m.and at a minimum between 6-10 pm.Factors such as change of seasons hormonal fluctuations,Ca or Fe supplements,high fibre diet,stress and illness affect TSH results.

\* References ranges recommended by the American Thyroid Association

- 1) Thyroid. 2011 Oct;21(10):1081-125.PMID .21787128
- 2) <http://www.thyroid-info.com/articles/tsh-fluctuating.html>

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*Neelam Singal*

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