

Sagepath Labs Pvt. Ltd.

Registered Office:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg.No. SAPALAPVLHT (Covid -19) Ph:- 040-40125441, Email:- info@sagepathlabs.com Website:- www.sagepathlabs.com

Method

REPORT					
Name	: Mrs. DESREEN PHILOMENA HOGG	Sample ID	: 24753592		
Age/Gender	: 26 Years/Female	Reg. No	: 0312311070055		
Referred by	: Dr. R ARATHI	SPP Code	: SPL-CV-172		
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 07-Nov-2023 07:32 PM		
Primary Sample	: Whole Blood	Received On	: 07-Nov-2023 09:56 PM		
Sample Tested In	: Plasma-NaF(R)	Reported On	: 07-Nov-2023 11:57 PM		
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report		
CLINICAL BIOCHEMISTRY					
GLUCOSE RANDOM (RBS)					

Units

Ref. Range

Results

Interpretation	of Plasma Glucose based on ADA g	uidelines 2018			
Diagnosis	FastingPlasma Glucose(mg/dL)	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)	
Prediabetes	100-125	140-199	5.7-6.4	NA	
Diabetes	> = 126	> = 200	> = 6.5	>=200(with symptoms)	
	Reference:	Diabetes care 2018:41(supp	ol.1):S13-S27		—

*** End Of Report ***

Laboratory is NABL Accredited









Test Name



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REPORT -

Name	: Mrs. DESREEN PHILOMENA HOGG	Sample ID	: 24753591
Age/Gender	: 26 Years/Female	Reg. No	: 0312311070055
Referred by	: Dr. R ARATHI	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 07-Nov-2023 07:32 PM
Primary Sample	: Whole Blood	Received On	: 07-Nov-2023 09:56 PM
Sample Tested In	: Serum	Reported On	: 07-Nov-2023 11:40 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY							
Test Name	Results	Units	Ref. Range	Method			
Thyroid Profile-I(TFT)							
T3 (Triiodothyronine)	111.80	ng/dL	70-204	CLIA			
T4 (Thyroxine)	8.6	µg/dL	3.2-12.6	CLIA			
TSH -Thyroid Stimulating Hormone	2.79	µIU/mL	0.35-5.5	CLIA			

Pregnancy & Cord blood				
T3 (Triiodothyronine):	T4 (Thyroxine)	TSH (Thyroid Stimulating Hormone)		
First Trimester : 81-190 ng/dL	15 to 40 weeks:9.1-14.0 µg/dL	First Trimester : 0.24-2.99 µIU/mL		
Second&Third Trimester :100-260 ng/dL		Second Trimester: 0.46-2.95 µIU/mL		
		Third Trimester : 0.43-2.78 µIU/mL		
Cord Blood: 30-70 ng/dL	Cord Blood: 7.4-13.0 µg/dL	Cord Blood: : 2.3-13.2 µIU/mL		

Interpretation:

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• Thyroid gland is a butterfly-shaped endocrine gland that is normally located in the lower front of the neck. The thyroid's job is to make thyroid hormones, which are secreted into the blood and then carried to every tissue in the body. Thyroid hormones help the body use energy, stay warm and keep the brain, heart, muscles, and other organs working as they should.

• Thyroid produces two major hormones: triiodothyronine (T3) and thyroxine (T4). If thyroid gland doesn't produce enough of these hormones, you may experience symptoms such as weight gain, lack of energy, and depression. This condition is called hypothyroidism.

• Thyroid gland produces too many hormones, you may experience weight loss, high levels of anxiety, tremors, and a sense of being on a high. This is called hyperthyroidism.

• TSH interacts with specific cell receptors on the thyroid cell surface and exerts two main actions. The first action is to stimulate cell reproduction and hypertrophy. Secondly, TSH stimulates the thyroid gland to synthesize and secrete T3 and T4.

• The ability to quantitate circulating levels of TSH is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

Correlate Clinically.

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*** End Of Report ***









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