REPORT

Name	: Mrs. SRUTHI	Sample ID	: 24854517
Age/Gender	: 34 Years/Female	Reg. No	: 0312310260001
Referred by	: Dr. SRUTHI	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Oct-2023 08:34 AM
Primary Sample	: Whole Blood	Received On	: 26-Oct-2023 12:43 PM
Sample Tested In	: Serum	Reported On	: 26-Oct-2023 09:10 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
PRL(Prolactin)	6.24	ng/mL	Refer Table	CLIA

Interpretation:

Age	Reference Range: Male (ng/mL)	Reference Range: Female(ng/mL)
Puberty Tanner Stage		
1	< 10.0	3.6-12.0
2-3	< 6.1	2.6-18.0
4-5	2.8-11.0	3.2-20.0
Adult	2.1-17.7	Nonpregnant :2.8–29.2 Pregnant :9.7–208.5 Postmenopausal :1.8–20.3

- Prolactin is a 23kD sized hormone produced by the lactotroph cells of the pituitary gland, a grape-sized organ found at the base of the brain. Normally present in low amounts in men and non-pregnant women, prolactin's main role is to promote lactation (breast milk production).
- Breast milk production that is not related to childbirth (galactorrhea)
- Erection problems in men
- Irregular or no menstrual periods (amenorrhea)

ilac-MRA

MC 3633

DR.VAISHNAVI
MD BIOCHEMISTRY

terms and conditions overleaf. Partial Reproduction of this report is not Permitted

REPORT

Name	: Mrs. SRUTHI	Sample ID	: 24854517
Age/Gender	: 34 Years/Female	Reg. No	: 0312310260001
Referred by	: Dr. SRUTHI	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Oct-2023 08:34 AM
Primary Sample	: Whole Blood	Received On	: 26-Oct-2023 12:43 PM
Sample Tested In	: Serum	Reported On	: 26-Oct-2023 09:10 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
LH (Leutinizing Hormone)	8.73	mIU/mL	Refer Table	CLIA

Interpretation:

Age	Reference Range: Male (mIU/mL)	Reference Range: Female(mIU/mL)
Pre Puberty Child		
2-11 Months	0.02-8.0	0.02-8.0
1-10 Years	0.04-3.6	0.03-3.9
Puberty Tanner Stage		
1	0.04-3.6	0.03-3.0
2	0.26-4.8	0.10-4.1
3	0.56-6.3	0.20-9.1
4-5	0.56-7.8	0.50-15.0
Adult	20–70 years:1.5–9.3 > 70 years:3.1–34.6	
Follicular Phase	----	1.9–12.5
Midcycle Peak	----	8.7–76.3
Luteal Phase	----	0.5–16.9
Postmenopausal	----	15.9–54.0
Pregnant	----	< 0.1–1.5
Contraceptives	----	0.7–5.6

Increased Values Of LH Seen In:

- Menopause,ovarian dysgenesis. (Turner syndrome),Testicular dysgenesis (Klinefelter syndrome).
- Precocious puberty

Decreased Values Of LH Seen In:

- Pituitary failure. Both LH/ FSH are low.
- hypothalamic failure will also lead to low LH and FSH level.

iLac-MRA

MC 3633

DR.VAISHNAVI
MD BIOCHEMISTRY

terms and conditions overleaf. Partial Reproduction of this report is not Permitted

REPORT

Name	: Mrs. SRUTHI	Sample ID	: 24854517
Age/Gender	: 34 Years/Female	Reg. No	: 0312310260001
Referred by	: Dr. SRUTHI	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Oct-2023 08:34 AM
Primary Sample	: Whole Blood	Received On	: 26-Oct-2023 12:43 PM
Sample Tested In	: Serum	Reported On	: 26-Oct-2023 09:10 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
FSH (Follicle Stimulating Hormone)	8.81	mIU/mL	Refer Table	CLIA

Interpretation:

Age	Reference Range: Male (mIU/mL)	Reference Range: Female(mIU/mL)
Pre Puberty Child		
2-11 Months	0.19-11.3	0.10-11.3
1-10 Years	0.3-4.6	0.68-6.7
Puberty Tanner Stage		
1-2	0.30-4.6	0.68-6.7
3.-4	1.24-15.4	1.0-7.4
5	1.53-6.8	1.0-9.2
Adult	1.42-18.4	
Follicular Phase	----	2.5–10.2
Midcycle Peak	----	3.4–33.4
Luteal Phase	----	1.5–9.1
Postmenopausal	----	23.0–116.3
Pregnant	----	< 0.3

The follicle stimulating hormone (FSH) blood test measures the level of FSH in blood. FSH is a hormone released by the pituitary gland, located on the underside of the brain.

Low FSH levels in women may be present due to:

- Being very underweight or having had recent rapid weight loss
- Not producing eggs (not ovulating)
- Parts of the brain (the pituitary gland or hypothalamus) not producing normal amounts of some or all of its hormones
- Pregnancy

High FSH levels in men may mean the testicles are not functioning correctly due to:

- Advancing age (male menopause)
- Damage to testicles caused by alcohol abuse, chemotherapy, or radiation
- Certain tumors in the pituitary gland

DR.VAISHNAVI
MD BIOCHEMISTRY

MC 3633 terms and conditions overleaf. Partial Reproduction of this report is not Permitted

SagePath®
Excellence In Health Care

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

REPORT

Name	: Mrs. SRUTHI	Sample ID	: 24854518
Age/Gender	: 34 Years/Female	Reg. No	: 0312310260001
Referred by	: Dr. SRUTHI	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 26-Oct-2023 08:34 AM
Primary Sample	:	Received On	: 26-Oct-2023 12:31 PM
Sample Tested In	: Urine	Reported On	: 26-Oct-2023 01:53 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL PATHOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Urine Analysis (CUE)				
Physical Examination				
Colour	Pale Yellow		Straw to light amber	
Appearance	Clear		Clear	
Chemical Examination				
Glucose	Negative		Negative	Strip Reflectance
Protein	Absent		Negative	Strip Reflectance
Bilirubin (Bile)	Negative		Negative	Strip Reflectance
Urobilinogen	Negative		Negative	Ehrlichs reagent
Ketone Bodies	Negative		Negative	Strip Reflectance
Specific Gravity	1.005		1.000 - 1.030	Strip Reflectance
Blood	Negative		Negative	Strip Reflectance
Reaction (pH)	5.5		5.0 - 8.5	Reagent strip Reflectance - Double indicator Principle
Nitrites	Negative		Negative	Strip Reflectance
Leukocyte esterase	Negative		Negative	Reagent Strip Reflectance
Microscopic Examination (Microscopy)				
PUS(WBC) Cells	02-03	/hpf	00-05	Microscopy
R.B.C.	Nil	/hpf	Nil	Microscopic
Epithelial Cells	01-02	/hpf	00-05	Microscopic
Casts	Absent		Absent	Microscopic
Crystals	Absent		Absent	Microscopic
Bacteria	Nil		Nil	
Budding Yeast Cells	Nil		Absent	Microscopy
Others	-			Microscopic

Comments :

Urine analysis is one of the most useful laboratory tests as it identifies a wide range of medical conditions including renal damage, urinary tract infections,diabetes, hypertension and drug toxicity.

Correlate Clinically.

Laboratory is NABL Accredited

*** End Of Report ***

ilac-MRA

MC 3633

*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD
terms and conditions overleaf. Partial Reproduction of this report is not Permitted

Swarnabala.M
DR.SWARNA BALA
MD PATHOLOGY