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Excellence In Health Care

Sagepath Labs Pvt. Ltd.

Lab Address:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana.
ICMR Reg .No. SAPALAPVLHT (Covid -19)

REPORT

Name	: Mrs. J SHAILAJA	Sample ID	: A0287109
Age/Gender	: 42 Years/Female	Reg. No	: 0312405280051
Referred by	: Dr. ANJANAILU	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-May-2024 09:46 PM
Primary Sample	: Whole Blood	Received On	: 28-May-2024 11:10 PM
Sample Tested In	: Serum	Reported On	: 29-May-2024 12:37 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

ALLERGY

Test Name	Results	Units	Ref. Range	Method
PDF Attached				
Allergy - Inhalants Each	Attached			
Allergy Drugs	Attached			
Allergy Food (Non-Vegetarian)	Attached			
Allergy Food (Vegetarian)	Attached			

DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

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REPORT

Name	: Mrs. J SHAILAJA	Sample ID	: A0287113
Age/Gender	: 42 Years/Female	Reg. No	: 0312405280051
Referred by	: Dr. ANJANAILU	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-May-2024 09:46 PM
Primary Sample	: Whole Blood	Received On	: 28-May-2024 11:10 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 30-May-2024 10:59 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Blood Picture(CBP)				
Haemoglobin (Hb)	12.9	g/dL	12-15	Cynmeth Method
Haematocrit (HCT)	41.0	%	40-50	Calculated
RBC Count	4.52	10^12/L	4.5-5.5	Cell Impedence
MCV	91	fl	81-101	Calculated
MCH	28.5	pg	27-32	Calculated
MCHC	**31.4**	g/dL	32.5-34.5	Calculated
RDW-CV	**14.3**	%	11.6-14.0	Calculated
Platelet Count (PLT)	180	10^9/L	150-410	Cell Impedance
Total WBC Count	**10.5**	10^9/L	4.0-10.0	Impedance
Differential Leucocyte Count (DC)				
Neutrophils	50	%	40-70	Cell Impedence
Lymphocytes	40	%	20-40	Cell Impedence
Monocytes	06	%	2-10	Microscopy
Eosinophils	04	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	5.25	10^9/L	2.0-7.0	Impedence
Absolute Lymphocyte Count	**4.2**	10^9/L	1.0-3.0	Impedence
Absolute Monocyte Count	0.63	10^9/L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.42	10^9/L	0.02-0.5	Calculated
Absolute Basophil lCount	0.00	10^9/L	0.0-0.3	Calculated
Morphology	Normocytic normochromic with Mild Leucocytosis			PAPs Staining

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MC 3633

Swarnabala.M
DR.SWARNA BALA
MD PATHOLOGY

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ICMR Reg .No. SAPALAPVLHT (Covid -19)

REPORT

Name	: Mrs. J SHAILAJA	Sample ID	: A0287111
Age/Gender	: 42 Years/Female	Reg. No	: 0312405280051
Referred by	: Dr. ANJANAILU	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-May-2024 09:46 PM
Primary Sample	: Whole Blood	Received On	: 28-May-2024 11:10 PM
Sample Tested In	: Plasma-NaF(R)	Reported On	: 29-May-2024 12:13 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

GLUCOSE RANDOM (RBS)

Test Name	Results	Units	Ref. Range	Method
Glucose Random (RBS)	85	mg/dL	70-140	Hexokinase (HK)

Interpretation of Plasma Glucose based on ADA guidelines 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(suppl.1):S13-S27

- The random blood glucose if it is above 200 mg/dL and the patient has increased thirst, polyuria, and polyphagia, suggests diabetes mellitus.
- As a rule, two-hour glucose samples will reach the fasting level or it will be in the normal range.

Result rechecked and verified for abnormal cases

*** End Of Report ***

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DR.VAISHNAVI
MD BIOCHEMISTRY

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ICMR Reg .No. SAPALAPVLHT (Covid -19)

REPORT

Name	: Mrs. J SHAILAJA	Sample ID	: A0287109
Age/Gender	: 42 Years/Female	Reg. No	: 0312405280051
Referred by	: Dr. ANJANAILU	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-May-2024 09:46 PM
Primary Sample	: Whole Blood	Received On	: 28-May-2024 11:10 PM
Sample Tested In	: Serum	Reported On	: 28-May-2024 11:55 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)	90.19	ng/dL	70-204	CLIA
T4 (Thyroxine)	7.8	µg/dL	3.2-12.6	CLIA
TSH -Thyroid Stimulating Hormone	**7.43**	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:

- 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.

Result rechecked and verified for abnormal cases
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*** End Of Report ***

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DR.VAISHNAVI
MD BIOCHEMISTRY

Name	:	Mrs. J SHAILAJA	Barcode No	:	A0287109
Age /Gender	:	42 YRS/Female	Reg. No	:	0312405280051
Referring by	:		SPP Code	:	SPL-CV-172
Referring Customer	:		Collected On	:	28-May-24
Primary Sample	:	Whole Blood	Received On		28-May-24
Sample Tested In	:	Serum	Reported On	:	29-May-24

Test	Result	Units	Biological Ref.ranges		Method
Total IgE :	**3000.0**	IU/mL	Age (Year)	IU/mL	CLIA
			0-1	1.4 - 52.3	
			1-4	0.4 - 351.6	
			5-9	0.5 - 393.0	
			10-15	1.9 - 170.0	
			Adult	0 - 378.0	

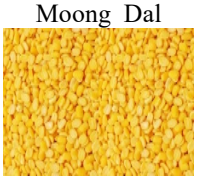
- Elevated Total IgE is observed in only 30% of patients with allergic rhinitis, 60% of patients with asthma and in 80 - 90% of patients with significant atopic eczema. It can also be elevated in 10 - 20% of patients with non-allergic rhinitis or non-allergic asthma, or other conditions such as allergic bronchopulmonary aspergillosis, some forms of immunodeficiency, neoplasia such as lymphoma, and parasitic disease. The measurement of Total IgE is the sum total of multiple individual allergen specific IgE levels.
- Atopic allergy implies a familial tendency to manifest conditions like Asthma, Rhinitis, Urticaria and Eczematous dermatitis either alone or in association with the presence of IgE.

DR. SRILATHA
MD PATHOLOGY

ALLERGY FOOD (VEG) REPORT							
Name of the Allergen	**Result**	**Name of the Allergen**	**Result**	**Name of the Allergen**	**Result**	**Name of the Allergen**	**Result**
Bitter Guard 	**1.23**	Sweet potato 	0.25	Mango 	0.20	Butter 	0.32
Brinjal 	**0.82**	Tomato 	0.06	Melon 	0.18	Cooked milk 	0.10
Broccoli 	0.52	White bean 	0.19	Papaya 	0.19	Curd 	0.17
Cabbage 	**1.22**	Apple 	0.11	Pear 	0.06	Ghee 	0.26
Carrot 	0.25	Apricot 	0.11	Orange 	0.21	Goat milk 	0.10
Coriander 	0.10	Avocado 	0.14	Straw Berry 	0.17	Milk 	0.16
Cucumber 	0.14	Banana 	0.26	Almond 	0.27	Milk powder 	0.17
Onion 	**0.91**	Grape 	0.17	Cashew nut 	0.11	Chana Dal 	0.22

Normal Range / Cut off for all allergens is : 0.35 U/L

DR. SRILATHA
MD PATHOLOGY

ALLERGY FOOD (VEG) REPORT							
Name of the Allergen	**Result**	**Name of the Allergen**	**Result**	**Name of the Allergen**	**Result**	**Name of the Allergen**	**Result**
Potato 	0.27	Guava 	0.20	Ground Nut 	**0.68**	Moong Dal 	**0.91**
Pumpkin 	0.15	Kiwi 	0.22	Hazel Nut 	0.10	Rajma Dal 	0.28
Spinach 	0.26	Lemon 	0.22	Wal nut 	0.11	Toor Dal 	0.22
Barley 	0.17	**Maize** 	0.16	**Oats** 	0.20	**Rice** 	0.26
Rye 	0.14	**Wheat** 	0.14	**Black Pepper** 	0.14	**Cardamom** 	0.22
Cinnamon 	0.28	**Cloves** 	0.17	**Garlic** 	0.32	**Zinger** 	0.10
Coconut 	0.10	Coffee 	0.22	Green tea 	0.11	Honey 	0.33
Tea 	0.22	Tobacco 	0.26	Vanilla 	0.33	Yeast 	**1.73**
Sugar 	0.14	TaroRoot 	0.23	Salt 	0.26	Coffee 	0.11

Normal Range / Cut off for all allergens is : 0.35 U/L

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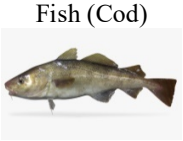
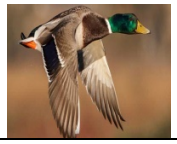
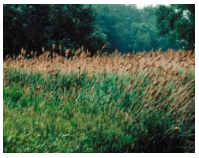
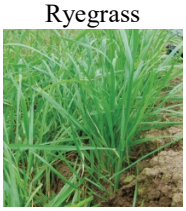
MD PATHOLOGY

ALLERGY FOOD (NON-VEG) REPORT							
Name of the Allergen	**Result**	**Name of the Allergen**	**Result**	**Name of the Allergen**	**Result**	**Name of the Allergen**	**Result**
Beef 	0.20	Beef liver 	0.17	Crab 	0.22	Cuttlefish 	0.33
Duck meat 	0.14	Egg white 	0.22	Fish (Cod) 	0.31	**Haddock fish** 	0.22
Lobster 	0.27	Mutton 	0.11	Pork 	0.22	Rabbit meat 	0.20
Salmon fish 	0.27	Sardine fish 	0.14	Shrimp 	0.20	Tuna fish 	0.10
Turkey 	0.20	Whole egg 	0.28	Chicken 	0.31	Quail meat 	0.14

Normal Range / Cut off for all allergens is : 0.35 U/L

DR. SRILATHA
MD PATHOLOGY

ALLERGY INHALANTS REPORT							
Name of the Allergen	**Result**	**Name of the Allergen**	**Result**	**Name of the Allergen**	**Result**	**Name of the Allergen**	**Result**
Blomia tropicalis 	0.22	**Dermatophagoides microceras** 	**1.26**	**Dermatophagoides farinae** 	**0.87**	**Dermatophagoides pteronyssinus** 	0.22
Cat dander 	0.17	**Chicken feathers** 	0.14	**Cow dander** 	0.22	**Dog dander** 	**0.82**
Duck feathers 	0.26	**Finch feathers** 	0.22	**Goat Dander** 	0.14	**Horse Dandruff** 	0.10
Guinea pig dandruff 	0.22	**Parrot feathers** 	0.28	**Pigeon droppings** 	0.20	**Pigeon feathers** 	0.27
Sweet vernal grass 	0.22	**Barley grass** 	0.17	**Cocksfoot** 	0.14	**Common reed** 	0.30
Cultivated oat 	0.22	Maize grass 	0.14	Ryegrass 	0.10	Cotton Dust 	0.31
House dust 	**1.85**	Jute Dust 	0.25	Rice dust 	0.22	Straw Dust 	0.22

Normal Range / Cut off for all allergens is : 0.35 U/L

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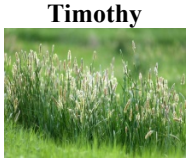
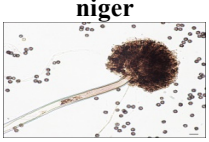
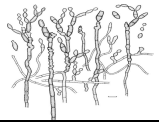
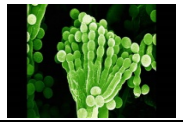
Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result
Beet weed 	0.31	**Common pigweed** 	0.14	**False ragweed** 	**1.52**	**Mugwort** 	**1.63**
Ox eye daisy, Marguerite 	0.11	**Red clover grass** 	0.26	**Western ragweed** 	0.17	**Timothy** 	0.26
Jhonson grass 	0.22	**Alternaria alternata** 	0.10	**Aspergillus fumigatus** 	0.20	**Aspergillus niger** 	0.14
Candida albicans 	0.20	**Cladosporium herbarum** 	0.14	**Mucor racemosus**	0.14	**Penicillium notatum** 	0.22
Trichoderma viride 	0.20	**Cockroach** 	**1.02**	**Ant** 	0.14	**Honey Bee** 	0.11
House Fly 	0.26	Wasp 	0.17	**Moth** 	0.14	**House Cricket** 	0.11
Body lotions	0.26	Deodorant	0.17	Hair Dye	0.26	Lip stick	0.14
Nail Polish	0.10	Perfume	0.14	Powder	0.11	Shampoo	0.26
Soap	0.17	Sun Creams	0.26	Latex	0.20	Paints	0.17
Papain	0.14	Plaster of Paris	0.11	Plastic	0.20	Silk	0.22
Smoke	0.14	Alcohol	0.22	Ash	0.17	Bone Cement	0.14
Detergent	0.14	Leather	0.20	Limestone	0.22	Nickel	0.14
Nylon fibers	0.26	Polyster	0.17	Sulfer	0.20	Wool mix	0.26
Yarn fibre	0.14	Cotton seed	0.20				

Normal Range / Cut off for all allergens is : 0.35 U/L

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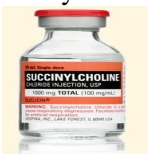
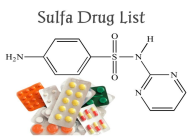
ALLERGY DRUGS REPORT

Drugs	Result	Drugs	Result	Drugs	Result	Drugs	Result
Penicillium G 	0.10	Succinylcholine 	0.20	Erythromycin 	0.15	Paracetamol 	0.20
Ampicillin 	0.25	Brufen 	0.16	Amoxicillin 	0.17	Ciprofloxacilin 	0.20
Analgin 	0.16	Levofloxacin 	0.20	Human Insulin 	0.16	Cephalosporin C 	0.20
Norfloxacin 	0.20	Chloroquine 	0.19	Dexomethasone 	0.16	Metamizol 	0.21
Streptomycin 	0.19	Tetracycline 	0.18	Trimethoprim 	0.15	Ofloxacin 	0.08
Cephalexin 	0.14	Aspirin 	0.17	Sulpha 	0.19	Tetanus Toxoid 	0.17

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Method: ELISA

False positives occur in the following scenarios:

- *You have a small amount of IgE antibody to allergen but are not be truly allergic to that. You can contact the allergen and experience absolutely no reaction to it.*

Interpretation

- Substances that cause an allergic reaction are called allergens. Besides dust and pollen, other common allergens include animal dander, foods, including nuts and shellfish, and certain medicines, such as penicillin.
- Allergy symptoms can range from sneezing and a stuffy nose to a life-threatening complication called anaphylactic shock. Allergy blood tests measure the amount of IgE antibodies in the blood. A small amount of IgE antibodies is normal. A larger amount of IgE may mean you have an allergy.

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