

REPORT

Name	: Master. SHRIYUKTH	Sample ID	: A0287410
Age/Gender	: 4 Years/Male	Reg. No	: 0312406150026
Referred by	: Dr. FRANK EDWARDS	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Jun-2024 01:03 PM
Primary Sample	: Whole Blood	Received On	: 15-Jun-2024 04:39 PM
Sample Tested In	: Serum	Reported On	: 18-Jun-2024 01:34 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

ALLERGY

Test Name	Results	Units	Ref. Range	Method
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[PDF Attached](#)

Allergy - Inhalants Each Attached

Allergy Drugs Attached

Allergy Food (Non-Vegetarian) Attached

Allergy Food (Vegetarian) Attached

*** End Of Report ***



DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

REPORT

Name	: Master. SHRIYUKTH	Sample ID	: A0287409
Age/Gender	: 4 Years/Male	Reg. No	: 0312406150026
Referred by	: Dr. FRANK EDWARDS	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Jun-2024 01:03 PM
Primary Sample	: Whole Blood	Received On	: 15-Jun-2024 04:08 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 15-Jun-2024 05:13 PM
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)	12.0	g/dL	11-14.5	Cynmeth Method
Haematocrit (HCT)	38.4	%	34-40	Calculated
RBC Count	4.92	10 ¹² /L	4.0-5.2	Cell Impedence
MCV	78	fl	77-87	Calculated
MCH	24.5	pg	24-30	Calculated
MCHC	31.3	g/dL	31-37	Calculated
RDW-CV	14.5	%	11.6-14.0	Calculated
Platelet Count (PLT)	372	10 ⁹ /L	200-490	Cell Impedence
Total WBC Count	7.7	10 ⁹ /L	5.0-15.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	42	%	23-52	Cell Impedence
Lymphocytes	52	%	40-69	Cell Impedence
Monocytes	04	%	1-9	Microscopy
Eosinophils	02	%	0-7	Microscopy
Basophils	00	%	0-2	Microscopy
Absolute Neutrophils Count	3.23	10 ⁹ /L	1.3-8.8	Impedence
Absolute Lymphocyte Count	4	10 ⁹ /L	2.2-11.7	Impedence
Absolute Monocyte Count	0.31	10 ⁹ /L	0.6-1.5	Calculated
Absolute Eosinophils Count	0.15	10 ⁹ /L	0.0-0.5	Calculated
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology	Normocytic normochromic blood picture.			PAPs Staining



Swannabala - M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Master. SHRIYUKTH	Sample ID	: A0287410
Age/Gender	: 4 Years/Male	Reg. No	: 0312406150026
Referred by	: Dr. FRANK EDWARDS	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Jun-2024 01:03 PM
Primary Sample	: Whole Blood	Received On	: 15-Jun-2024 04:39 PM
Sample Tested In	: Serum	Reported On	: 15-Jun-2024 06:15 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
TSH -Thyroid Stimulating Hormone	2.99	µIU/mL	0.35-5.5	CLIA

Pregnancy & Cord Blood

TSH (Thyroid Stimulating Hormone (µIU/mL))	
First Trimester	: 0.24-2.99
Second Trimester	: 0.46-2.95
Third Trimester	: 0.43-2.78
Cord Blood	: 2.3-13.2

- TSH is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production.
- 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
- TRH stimulation differentiates secondary and tertiary hypothyroidism by observing the change in patient TSH levels. Typically, the TSH response to TRH stimulation is absent in cases of secondary hypothyroidism, and normal to exaggerated in tertiary hypothyroidism
- Historically, TRH stimulation has been used to confirm primary hyperthyroidism, indicated by elevated T3 and T4 levels and low or undetectable TSH levels. TSH assays with increased sensitivity and specificity provide a primary diagnostic tool to differentiate hyperthyroid from euthyroid patients.

Correlate Clinically.

Result rechecked and verified for abnormal cases

Laboratory is NABL Accredited

*** End Of Report ***



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

Name	: Master. SHRIYUKTH	Barcode No	: A0287410
Age /Gender	: 4 YRS/Male	Reg. No	: 0312406150026
Referring by	:	SPP Code	: SPL-CV-172
Referring Customer	:	Collected On	: 15-06-2024
Primary Sample	: Whole Blood	Received On	: 15-06-2024
Sample Tested In	: Serum	Reported On	: 17-06-2024

Test	Result	Units	Biological Ref.ranges	Method
Total IgE :	82.4	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.



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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 	0.10	Sweet potato 	0.13	Mango 	0.11	Butter 	0.18
Brinjal 	0.23	Tomato 	0.31	Melon 	0.06	Cooked milk 	0.13
Broccoli 	0.26	White bean 	0.12	Papaya 	0.10	Curd 	0.17
Cabbage 	0.31	Apple 	0.15	Pear 	0.22	Ghee 	0.26
Carrot 	0.17	Apricot 	0.10	Orange 	0.20	Goat milk 	0.10
Coriander 	0.10	Avocado 	0.19	Straw Berry 	0.17	Milk 	0.19
Cucumber 	0.16	Banana 	0.26	Almond 	0.27	Milk powder 	0.19
Onion 	0.17	Grape 	0.19	Cashew nut 	0.12	Chana Dal 	0.22

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


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ALLERGY FOOD (VEG) REPORT

Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result	Name of the Allergen	Result
	0.27		0.20		0.20		0.19
	0.26		0.11		0.09		0.28
	0.11		0.22		0.11		0.22
	0.15		0.30		0.12		0.26
	0.19		0.26		0.19		0.21
	0.28		0.17		0.32		0.12
	0.10		0.21		0.11		0.33
	0.22		0.19		0.33		0.14
	0.19		0.21		0.26		0.11

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


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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 	0.12	Beef liver 	0.24	Crab 	0.22	Cuttlefish 	0.33
Duck meat 	0.15	Egg white 	0.20	Fish (Cod) 	0.17	Haddock fish 	0.11
Lobster 	0.16	Mutton 	0.26	Pork 	0.22	Rabbit meat 	0.20
Salmon fish 	0.12	Sardine fish 	0.25	Shrimp 	0.20	Tuna fish 	0.10
Turkey 	0.24	Whole egg 	0.21	Chicken 	0.19	Quail meat 	0.19







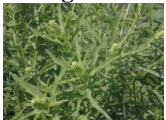




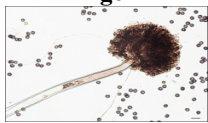

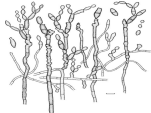










Normal Range / Cut off for all allergens is : 0.35 U/L


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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 	0.21	Dermatophagoide s microceras 	0.12	Dermatophagoi des farinae 	0.26	Dermatophagoides pteronyssinus 	0.22
Cat dander 	0.17	Chicken feathers 	0.19	Cow dander 	0.22	Dog dander 	0.17
Duck feathers 	0.26	Finch feathers 	0.22	Goat Dander 	0.19	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 	0.19	Common reed 	0.19
Cultivated oat 	0.22	Maize grass 	0.15	Ryegrass 	0.10	Cotton Dust 	0.31
House dust 	0.17	Jute Dust 	0.26	Rice dust 	0.22	Straw Dust 	0.22

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

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 	0.19	False ragweed 	0.26	Mugwort 	0.25
Ox eye daisy, Marguerite 	0.11	Red clover grass 	0.26	Western ragweed 	0.17	Timothy 	0.10
Jhonson grass 	0.22	Alternaria alternata 	0.10	Aspergillus fumigatus 	0.20	Aspergillus niger 	0.19
Candida albicans 	0.20	Cladosporium herbarum 	0.19	Mucor racemosus 	0.19	Penicillium notatum 	0.22
Trichoderma viride 	0.21	Cockroach 	0.18	Ant 	0.19	Honey Bee 	0.14
House Fly 	0.26	Wasp 	0.17	Moth 	0.19	House Cricket 	0.11
Body lotions	0.26	Deodorant	0.17	Hair Dye	0.26	Lip stick	0.19
Nail Polish	0.10	Perfume	0.19	Powder	0.11	Shampoo	0.26
Soap	0.17	Sun Creams	0.26	Latex	0.20	Paints	0.17
Papain	0.19	Plaster of Paris	0.11	Plastic	0.20	Silk	0.22
Smoke	0.19	Alcohol	0.22	Ash	0.17	Bone Cement	0.19
Detergent	0.19	Leather	0.25	Limestone	0.22	Nickel	0.19
Nylon fibers	0.26	Polyster	0.17	Sulfer	0.20	Wool mix	0.26
Yarn fibre	0.19	Cotton seed	0.20				

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

ALLERGY DRUGS REPORT

Drugs	Result	Drugs	Result	Drugs	Result	Drugs	Result
Penicillium G 	0.16	Succinylcholine 	0.20	Erythromycin 	0.14	Paracetamol 	0.20
Ampicillin 	0.12	Brufen 	0.15	Amoxicillin 	0.13	Ciprofloxacin 	0.24
Analgin 	0.16	Levofloxacin 	0.16	Human Insulin 	0.15	Cephalosporin C 	0.16
Norfloxacin 	0.19	Chloroquine 	0.28	Dexamethasone 	0.13	Metamizol 	0.17
Streptomycin 	0.12	Tetracycline 	0.24	Trimethoprim 	0.12	Ofloxacin 	0.08
Cephalexin 	0.17	Aspirin 	0.13	Sulpha Sulfa Drug List 	0.24	Tetanus Toxoid 	0.17

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


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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.