

Name : Mrs. AMBIKA K Sample ID : 512303301 Collected : 16/08/2023 15:06  
Reg. Date : 16/08/2023 Accepted : 16/08/2023 23:31  
Age : 58 Years / FEMALE IP/ DOB No. : Reported : 16/08/2023 23:56  
Referred By Dr. : MANOJ JOHNSON Nationality : INDIAN Report Status: FINAL  
Client Name : NA

Sample Collected At: PALA- MEDIVISION

Sample Processed At : MEDIVISION-COCHIN

## Department Of Haematology

<u>PARAMETER</u>	<u>OBSERVED VALUE</u>	<u>UNITS</u>	<u>REFERENCE RANGE</u>
<b>Haemoglobin</b>	: 12.5	gm/dL	12 - 15
Method Type : Non cyanmeth Hemoglobin			
Sample Type : EDTA Blood			

END OF REPORT



  
**Dr. Minu Thomas**  
MD Pathology

NOTE: L= Low , H= High

These examinations had been done at MEDIVISION Scan & Diagnostic  
Research Centre Pvt.Ltd, Sreekandath Road, Ravipuram, Kochi -16.

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DIVYA NAIR 21/08/2023 12:34:08PM

Name : Mrs. AMBIKA K Sample ID : 512303301 Collected : 16/08/2023 15:06  
 Reg. Date : 16/08/2023 Accepted : 17/08/2023 06:27  
 Age : 58 Years / FEMALE IP/ DOB No. : Reported : 17/08/2023 08:08  
 Referred By Dr. : MANOJ JOHNSON Nationality : INDIAN Report Status: FINAL  
 Client Name : NA  
 Sample Collected At: PALA- MEDIVISION Sample Processed At : MEDIVISION-COCHIN

## Department Of Biochemistry

PARAMETER	OBSERVED VALUE	UNITS	REFERENCE RANGE
<b>Thyroid Stimulating Hormone (TSH)</b>	: 2.03	μIU/mL	Newborns:0.70-15.2 6 d-3mths: 0.72-11.0 4 -12mths:0.73-8.35 1-6 yrs :0.70-5.97 7-11 yrs :0.60-4.84 12-20 yrs: 0.51-4.30 Adults :0.27-4.20 First Trimester:0.33-4.59 Second Trimester:0.35-4.10 Third Trimester:0.21-3.15

Method Type : ECLIA

Sample Type : Serum

### MEDILIP (SERUM)

<b>Cholesterol Total</b>	: 189.4	mg/dL	< 200: Desirable 200-239: Borderline high > 240: High
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Method Type : CHOD-POD - End point

Sample Type : Serum

<b>Triglycerides</b>	: H 344.0	mg/dL	< 150 :Normal 150-199:Borderline high 200-499:High ≥ 500 :Very high
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Method Type : GPO-POD - End point

Sample Type : Serum

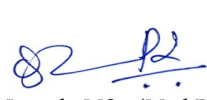
<b>HDL-Cholesterol (DIirect)</b>	: 31.2	mg/dL	< 40 :High risk 40-59:Desirable ≥ 60:Low risk
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Method Type : Immunoinhibition- Direct

Sample Type : Serum

  
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 MD Pathology



  
**Shimi. P. Joseph, MSc. (Med.Biochemistry)**  
 Sr. Biochemist & QM

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 Reg. Date : 16/08/2023 Accepted : 16/08/2023 23:30  
 Age : 58 Years / FEMALE IP/ DOB No. : Reported : 16/08/2023 23:58  
 Referred By Dr. : MANOJ JOHNSON Nationality : INDIAN Report Status: FINAL  
 Client Name : NA  
 Sample Collected At: PALA- MEDIVISION Sample Processed At : MEDIVISION-COCHIN

## Department Of Biochemistry

PARAMETER	OBSERVED VALUE	UNITS	REFERENCE RANGE
* Non-High density lipoprotein(Non-HDL)	: 158	mg/dL	< 130:Desirable 131-159:Borderline high 160-189 :High >= 190:Very high
Method Type : Calculated Sample Type : Serum			
LDL CHOLESTEROL	: 135	mg/dl	< 100 Optimal 100-129 Near/above optimal 130-159 Borderline high 160-189 High >= 190 Very high
Method Type : Immuno inhibition, Direct Sample Type : Serum			
VLDL Cholesterol	: H 69	mg/dl	5 - 35
Method Type : Calculated Sample Type : Serum			
Cholesterol/HDL Ratio	: H 6.07		0 - 4
Calculated			
Triglyceride/HDL Ratio	: H 11.03		0 - 3.75
Calculated			
HDL/LDL Ratio	: 0.23		
Calculated			
LDL/HDL Ratio	: 4.33		
Calculated			

\*\*Ref. ATP III Classification NCEP.

  
 Dr. Minu Thomas  
 MD Pathology



  
 Mr. Fazal Karim  
 Msc Biochemistry  
 Junior Biochemist

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## Department Of Biochemistry

PARAMETER	OBSERVED VALUE	UNITS	REFERENCE RANGE
<b>Immunoglobulin E (IgE)</b>	: H 290.00	IU/mL	Neonates:<1.5 Infants -1 yr:<15 1-5 years:<60 6-9 years:<90.0 10-15 years:<200 16-100 years:<100

Method Type : ECLIA

Sample Type : Serum

This assay is used for the assessment of hypersensitive and allergic reactions in patients. Elevated levels of IgE indicate an increased probability of an IgE-mediated hypersensitivity, responsible for allergic reactions. Parasitic infestations such as hookworm, and certain clinical disorders including aspergillosis, have also been demonstrated to cause high levels of IgE. Decreased levels of IgE are found in cases of hypogammaglobulinemia, autoimmune diseases, ulcerative colitis, hepatitis, cancer and malaria. Cord blood or serum IgE levels may have prognostic value in assessing the risk of future allergic conditions in children.

<b>Anti Thyroglobulin Antibody (ATG)</b>	: H 140.00	U/mL	Newborns :<134 6 d-3 mths:<146 4-12 mths :<130 1-6 yrs :<38 7-11 yrs :<37 12-20 yrs :<64 Adults :<115
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Method Type : ECLIA

Sample Type : Serum

### Clinical Significance

Measurement of thyroglobulin antibodies is useful in the diagnosis and management of a variety of thyroid disorders including Hashimoto's thyroiditis, Graves Disease and certain types of goiter.

  
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 MD Pathology



  
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## Department Of Biochemistry

PARAMETER	OBSERVED VALUE	UNITS	REFERENCE RANGE
<b>Thyroid Peroxidase Antibody(Anti TPO)</b>	: < 9.00	IU/mL	Newborn : <117 6 d-3 mths: <47 4-12 mths : <32 1-6 yrs : <13 7-11 yrs : <18 12-20 yrs : <26 Adults : <34

Method Type : ECLIA

Sample Type : Serum

### Clinical Significance

Assists in the diagnosis of thyroid diseases such as endemic goiter, Graves Disease, autoimmune thyroiditis, Addison~s Disease, insulin-dependent diabetes mellitus, Hashimoto~s Disease and polyendocrine auto-immunopathies.

<b>Hb A1C - Glycosylated Haemoglobin</b>	: H 7.9	%	Below 5.7% : Normal 5.8% - 6.4%: Prediabetic >=6.5% : Diabetic
			FOR KNOWN DIABETES
			Below 6.5% :Good Control 6.6% - 7.0%:Fair Control 7.1% - 8.0%:Unsatisfactory Control >8.1% :Poor Control

Method Type : High Performance Liquid Chromatography (HPLC)


Sample Type : EDTA Blood

<b>Mean Blood Glucose</b>	: 180	mg/dL
Calculated		

Reference - Use of glycated haemoglobin (HbA1c) in the diagnosis of diabetes mellitus, WHO.

  
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 MD Pathology



  
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