

Medical tests report

Name: Anghelina Nn
CNP: 6180427000002
Age: 3 months
Phone: 0730933550
Address:
Sample ID: 6196361
Sample code: 306196361

Patient code: 103092572

Date of request: 17.08.2018
Sampling unit: RM Opera center
Date and time of sampling: 17.08.2018 - 11.59
Referral: Raluca Gheorghita

Values outside acceptable limits for age and gender are enclosed in a border.

General recommendation: The results of the tests should be interpreted by your treating physician in a clinical context.

Analyzed samples: All samples processed with final results and without additional comments are considered to be compliant.

Name	Results	UM	Biological reference interval
------	---------	----	-------------------------------

HEMATOLOGY

COMPLETE BLOOD COUNT WITH DIFFERENTIAL LEUKOCYTE COUNT, Hb, Ht AND RED CELL INDICES AND RETICULOCYTES

Red blood cell count	=4.29	mil/ μ L	[4.1 – 5.3]
Hemoglobin	=11.1	g/dL	[11.1 – 14.1]
Hematocrit	=33.2	%	[30 - 40]
Mean corpuscular volume	=77.4	fL	[68 - 84]
Mean corpuscular hemoglobin	=25.9	pg	[24 - 30]
Mean corpuscular hemoglobin concentration	=33.4	g/dL	[30 - 36]
Red blood cell distribution width - coefficient of variation	=12.1	%	[11.6 – 14.8]
Reticulocyte count	=0.051	mil/ μ L	[0.025 – 0.085]
Reticulocyte percentage	=1.18	%	[0.4 - 4]
Leucocyte count	=10.33	K/ μ L	[6 - 18]
Neutrophil percentage	=22.6	%	[15.0 - 55]
Eosinophil percentage	=2.3	%	[0 - 8]
Basophil percentage	=0.2	%	[0.1 – 1.2]
Lymphocyte percentage	=68.2	%	[40 – 70]
Monocyte percentage	=6.7	%	[0.0 – 12]
Neutrophil count	=2.34	K/ μ L	[1 - 6]
Eosinophil count	=0.24	K/ μ L	[0.1 – 1]
Basophil count	=0.02	K/ μ L	[0.01 – 0.07]
Lymphocyte count	=7.04	K/ μ L	[4 – 12]
Monocyte count	=0.69	K/ μ L	[0.2 – 1.2]
Platelet count	=462	K/ μ L	[200 - 550]
Mean platelet volume	=9.9	fL	[7.4 - 13]
Platelet distribution	=10.4	fL	[8 – 16.5]

Approved:

[stamp and signature:
Dr. Stuplan Elena
Laboratory Specialist
Code: F05534]

CLINICAL CHEMISTRY

Sample ID: 6196361
Anghelina Nn

Values outside acceptable limits for age and gender are enclosed in a border.

General recommendation: The results of the tests should be interpreted by your treating physician in a clinical context.
Analyzed samples: All samples processed with final results and without additional comments are considered to be compliant.

Name	Results	UM	Biological reference interval
CLINICAL CHEMISTRY			
ALANINE AMINOTRANSFERASE (ALT/GPT/TGP) <i>serum, spectrophotometry</i>	=31.9	U/L	[5 - 31]
ASPARTATE AMINOTRANSFERASE (GOT/AST/TGO) <i>serum, spectrophotometry</i>	=48.9	U/L	[20 - 60]
SERUM CALCIUM <i>serum, spectrophotometry</i>	=10.99	mg/dL	[9.0 – 11]
TOTAL CHOLESTEROL <i>serum, spectrophotometry</i>	=185.8	mg/dL	[60 – 190]
HDL CHOLESTEROL <i>serum, spectrophotometry</i>	=36.6 Moderate risk: 45-65 mg/dL High risk: <45 mg/dL	mg/dL	>=45
LDL CHOLESTEROL <i>serum, spectrophotometry</i>	=129.6 For adults over 18 year-old, according to the Cholesterol Guidelines NCEP (ATP III): Slightly increased: 100-129 mg/dL Borderline: 130-159 mg/dL High: 160-189 mg/dL Very high: >=145 mg/dL For children 2-17 years: Acceptable: <110 mg/dL Increased borderline: 120-144 mg/dL High: >=145 mg/dL Very high: >=190 mg/dL	mg/dL	[60 - 100]
SERUM CREATININE <i>serum, spectrophotometry</i>	=0.18	mg/dL	[0.17 – 0.42]
CREATINE KINASE (CK) <i>serum, spectrophotometry</i>	=105	U/L	<295
ALKALINE PHOSPHATASE <i>serum, spectrophotometry</i>	=297 ATTENTION: Reference interval updated on 04.07.2018	U/L	[122 - 469]
SERUM PHOSPHORUS <i>serum, spectrophotometry</i>	=6.22	mg/dL	[3.4 – 6.2]
GAMMA-GLUTAMYL TRANSPEPTIDASE (GGT) <i>serum, spectrophotometry</i>	=30	U/L	[5 - 36]
SERUM GLUCOSE (BLOOD SUGAR) <i>serum, spectrophotometry</i>	=77.4 Interpretation of basal blood sugar values (ADA recommendations) Normal: 60-90 mg/dL Modified basal blood sugar: 100-125 mg/dL Diabetes mellitus: >= 126 mg/dL Diagnosis of diabetes will be based on at least two elevated basal blood sugar values >=126 mg/dL obtained on different days.	mg/dL	[60 - 99]
LDH (LACTATE DEHYDROGENASE) <i>serum, spectrophotometry</i>	=318	U/L	<300
SERUM MAGNESIUM <i>serum, spectrophotometry</i>	=2.23	mg/dL	[1.5 – 2.2]
TOTAL SERUM PROTEIN <i>serum, spectrophotometry</i>	=6.01	g/dL	[4.4 – 7.6]

Sample ID: 6196361
Anghelina Nn

Values outside acceptable limits for age and gender are enclosed in a border.

General recommendation: The results of the tests should be interpreted by your treating physician in a clinical context.
Analyzed samples: All samples processed with final results and without additional comments are considered to be compliant.

CLINICAL CHEMISTRY

serum, spectrophotometry

SERUM IRON (SIDEREMIA)	=59.7	µg/dL	[25 – 126]
<i>serum, spectrophotometry</i>	The level of serum iron (sideremia) can be influenced by circadian variations (in the morning - higher values), the intake of vitamin complexes containing iron, foods rich in iron or enriched with iron (e.g. cereals enriched with iron, liver, lamb, beef and pork, dried or green vegetables etc.), dehydration, intense physical effort, infections / inflammation. Exploration of iron metabolism shall always take into account the following parameters: ferritin, CTLF, transferrin, transferrin saturation.		
TRIGLYCERIDES	=292.8	mg/dL	[35 - 150]
<i>serum, spectrophotometry</i>	For adults over 18 year-old, according to the Cholesterol Guidelines NCEP (ATP III): Increased borderline: 150-199 mg/dL High: 200-499 mg/dL Very high: >=500 mg/dL For children 2-9 years: Acceptable: <75 mg/dL Increased borderline: 90-129 mg/dL High: >=130 mg/dL		
FERRITIN	=190	ng/mL	[20 - 200]
<i>serum, electrochemiluminescence</i>	ATTENTION: Reference interval updated on 03.10.2018		
IONIZED CALCIUM	=5.32	mg/dL	[3.6 – 5.2]
<i>serum, spectrophotometry</i>			

Approved:

[stamp and signature:
Dr. Stiplan Elena
Laboratory Specialist
Code: F05534]

IMMUNOLOGY AND SEROLOGY

C REACTIVE PROTEIN	< 0.1	mg/dL	<=0.5
<i>serum, immunoturbidimetry</i>			

Approved:

[stamp and signature:
Dr. Stiplan Elena
Laboratory Specialist
Code: F05534]

Head of laboratory:

[stamp and signature:
Dr. ANDREEA ALEXANDRU
Laboratory Specialist
Code: illegible]

Medical tests report

Name: Anghelina Nn
CNP: 6180427000002
Age: 3 months
Phone: 0730933550
Address:
Sample ID: 6196361
Sample code: 306196376

Patient code: 103092572

Sex: F

Date of request: 17.08.2018

Sampling unit: RM Opera center

Date and time of sampling: 17.08.2018 - 11.59

Referral: Raluca MORARU

Values outside acceptable limits for age and gender are enclosed in a border.

General recommendation: The results of the tests should be interpreted by your treating physician in a clinical context.

Analyzed samples: All samples processed with final results and without additional comments are considered to be compliant.

Name	Results	UM	Biological reference interval
------	---------	----	-------------------------------

CLINICAL CHEMISTRY

SERUM CHLORIDE <i>serum, potentiometry</i>	=101	mmol/L	[98 - 107]
SERUM POTASSIUM <i>serum, potentiometry</i> Note: Serum slightly hemolyzed, which can interfere with the result. It is recommended to interpret the result by taking into account this warning and possibly repeating the test.	=5.51	mmol/L	[3.5 - 5.1]
SERUM SODIUM <i>serum, potentiometry</i>	=140	mmol/L	[136 - 145]
SERUM UREA <i>serum, spectrophotometry</i>	=14.1	mg/dL	[9 - 41]

Approved:

[stamp and signature:
Dr. Stiplan Elena
Laboratory Specialist
Code: F05534]

IMMUNOLOGY AND SEROLOGY

FT4 (FREE THYROXINE) <i>serum, electrochemiluminescence</i>	=16.3	pmol/L	[11.32 - 23.68]
	Reference interval during pregnancy: Trimester I 10.7-16.4 pmol/L Trimester II 8.4-13.5 pmol/L Trimester III 9.3-13.7 pmol/L ATTENTION: Reference interval updated on 06.11.2017		
TSH (THYROID STIMULATING HORMONE) <i>serum, electrochemiluminescence</i>	=2.17	μUI/mL	[0.46 - 8.1]
	Reference interval during pregnancy: Trimester I 0.10 - 2.5 μ UI/mL Trimester II 0.20-3.0 μ UI/mL Trimester III 0.3-3.0 μ UI/mL ATTENTION: Reference interval updated on 06.11.2017		

Sample ID: 6196376
Anghelina Nn

Values outside acceptable limits for age and gender are enclosed in a border.

General recommendation: The results of the tests should be interpreted by your treating physician in a clinical context.

Analyzed samples: All samples processed with final results and without additional comments are considered to be compliant.

Name	Results	UM	Biological reference interval
------	---------	----	-------------------------------

IMMUNOLOGY AND SEROLOGY

FT3 (FREE TRIIODOTHIRONINE)*

=6.66

pmol/L

[3.84 – 9.98]

serum, electrochemiluminescence

Reference interval during pregnancy:

Trimester I 3.78-5.97 pmol/L

Trimester II 3.21-5.45 pmol/L

Trimester III 3.09-5.03 pmol/L

ATTENTION: Reference interval updated on 06.11.2017

Approved:

[stamp and signature:

Dr. Stiplan Elena

Laboratory Specialist

Code: F05534]

Note: Serum slightly hemolyzed

Head of laboratory:

[stamp and signature:

Dr. ANDREEA ALEXANDRU

Laboratory Specialist

Code: illegible]

Tests marked with (*) are not covered by RENAR accreditation. The opinions and interpretations contained in this report are not covered by the RENAR accreditation.

1) examinations performed in laboratories belonging to Regina Maria other than the holder

2) examinations performed in the partner lab

For external samples, samples of faeces, urine specimens and self obtained samples, the entire responsibility for origin, appartenance, mode of sampling, storage and transport belongs exclusively to the applicant, they may impact the final result of the test and its interpretation.

Your personal data is processed by Regina Maria in accordance with Law 677/2001 for the purpose of performing medical services. You can exercise the rights provided in the Regulation no. 679 of 27 April 2016 of the European Parliament and of the Council of the European Union under the conditions mentioned in the Note on the processing of personal data available on the website www.reginamaria.ro, section GDPR, https://www.reginamaria.ro/sites/default/nota_informare.pdf.

To view the test results and to have access to their history at any time, we suggest that you access "my account" available on the homepage of network's website, <https://contulmeu.reginamaria.ro>