

Name: [REDACTED]  
Position: LCB-6497-MANARE-ANZOATEGUI  
Doctor: MI0058

Sex: WOMAN  
DOB: [REDACTED] ID No.: Z0469865  
Origin: LCB-1782-LABORATORIO RU (SERSANIT)  
Date of request: 09/07/2019

## Blood count

Whole blood EDTA

### Erythrocyte series

Hematies	4,49	$\times 10^6/\text{mm}^3$
Hemoglobin	13,7	g/dL
Hematocrit	43,1	%
Mean corpuscular volume (MCV)	96	fL
Mean corpuscular hemoglobin (MCH)	30,6	pg
Mean corpuscular hgb. conc. (MCHC)	31,9	g/dL
Anisocytosis rate (RDW)	15,0	%

### Leukocyte series

<b>Leukocytes</b>	<b>5,5</b>	<b><math>\times 10^3/\text{mm}^3</math></b>
Neutrophils %	55,6	%
Lymphocytes %	33,3	%
Monocytes %	6,5	%
Eosinophils %	3,6	%
Basophils %	1,0	%
Neutrophils	3,1	$\times 10^3/\text{mm}^3$
Lymphocytes	1,8	$\times 10^3/\text{mm}^3$
Monocytes	0,4	$\times 10^3/\text{mm}^3$
Eosinophils	0,2	$\times 10^3/\text{mm}^3$
Basophils	0,1	$\times 10^3/\text{mm}^3$

### Platelet series

Platelets	290	$\times 10^3/\text{mm}^3$
Mean Platelet Volume (MPV)	8,8	fL

### Erythrocyte sedimentation rate

ESR 1 hour	3	mm
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## Hydrocarbon metabolism

Glucose (serum/plasma) ○	88	mg/dL	[74-106]
Hemoglobin A1c (NGSP) ○	5,3	%	[<6,5]
Prediabetes is defined as levels between 5.7 and 6.4% (ADA recommendations).			
Hemoglobin A1c (IFCC) ○	34	mmol/mol	[<48]
Prediabetes is defined as levels between 39 and 46 mmol/mol (ADA recommendations).			

## Lipid metabolism (serum)

Total cholesterol ○	190	mg/dL	[<200]
HDL cholesterol ○	87	mg/dL	[>50]
Direct LDL cholesterol ○	122,04	mg/dL	[0-130]
Triglycerides ○	72	mg/dL	[<150]
Atherogenic Index (HDL/CT).	0,5		[>0,25]

## Renal function tests (serum)

Urate ○	4,2	mg/dL	[3,5-7,3]
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## Liver function tests (serum)

Aspartate aminotransferase (AST/GOT) ○	27	U/L	[0-31]
Alanine aminotransferase (ALT/GPT) ○	29	U/L	[0-34]
Gamma-glutamyltransferase (GGT) ○	20	U/L	[0-38]
Alkaline phosphatase (ALP) ○	56	U/L	[30-120]

## Iron metabolism (serum)

Transferrin	290	mg/dL	[200-360]
Ferritin ○	145*	ng/dL	[10-120]
Insulin ○	3,25	mU/L	[2-25]
Serum C-Reactive Protein (Ultrasensitive)	1,20	mg/dL	[<3]
Low Cardiovascular Risk: <1			
Medium Cardiovascular Risk: 1-3			
High Cardiovascular Risk: >3			
S100 protein	0,05	µg/L	[<0,15]

REPORT VALIDATED BY JHB, LAM, ILA, IRV, CAV