

Patient ID #: 130805AV5166

Case #: 4522

Name: ABELA, VIRGINIA MEDALLA

Date: 5-Aug-2013

Date of Birth: 15-Mar-1956

Age: 57

Gender: FEMALE

Requesting Physician / Company:

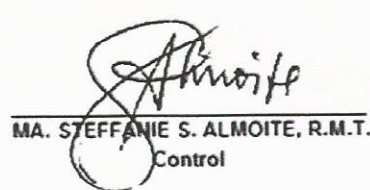
DR. CHRISTOPHER REX GLORIA

**URINALYSIS**

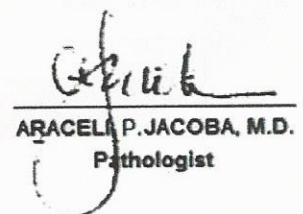
DESCRIPTION	RESULT
<b>GROSS</b>	
COLOR	LIGHT YELLOW
TRANSPARENCY	SLIGHTLY HAZY
SPECIFIC GRAVITY	1.020
pH	6.5
PROTEIN	NEGATIVE
SUGAR	NEGATIVE
BILIRUBIN	NEGATIVE
UROBILINOGEN	1.7 $\mu$ mol/L ( Normal )
KETONE	NEGATIVE
NITRITE	NEGATIVE
<b>MICROSCOPIC</b>	
RBC	1-2/hpf
PUS CELL	5-8/hpf
EPITHELIAL CELLS	
RENAL EPITHELIAL CELLS	FEW
SQUAMOUS EPITHELIAL CELLS	MODERATE
MUCUS THREADS	FEW
BACTERIA	OCCASIONAL
AMORPHOUS URATES	OCCASIONAL



ROMMEL R. ALMOITE, R.M.T.  
Medical Technologist



MA. STEFFANIE S. ALMOITE, R.M.T.  
Control



ARACELI P. JACOB, M.D.  
Pathologist

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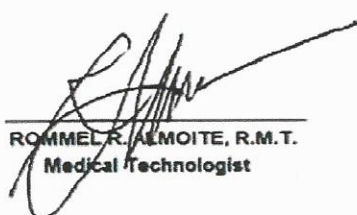
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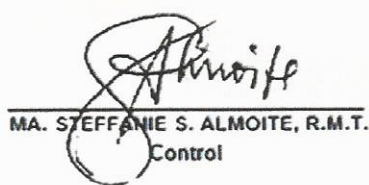
Date: 5-Aug-2013

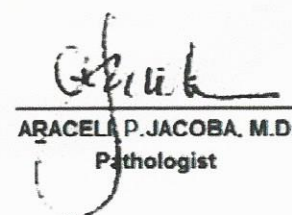
Gender: FEMALE

**HEMATOLOGY**

DESCRIPTION	RESULT	REFERENCE VALUE
RED BLOOD CELL	4.51	4.5-5.10 x 10 <sup>6</sup> /mm <sup>3</sup>
HEMOGLOBIN	14.70	Female: 11.1 - 16.7 g/dL
HEMATOCRIT	44.2	Female: 35.9 - 44.6%
MCV	98.00	80-96 fl
MCH	32.59	27.5-33.2pg
MCHC	33.26	33.4-35.5 g/dL
WHITE BLOOD CELL	8.96	4.1 - 10.5 x10 <sup>9</sup> /mm <sup>3</sup>
GRANULOCYTES	72.1	48.5 - 80.3
LYMPHOCYTES	23.4	16.0 - 43.3
MONOCYTES	2.6	2.8 - 10.2
EOSINOPHIL	1.4	0.0 - 8.0
BASOPHILS	0.5	0.0 - 2.0
PLATELET COUNT	261	150 - 450 x10 <sup>9</sup> /mm <sup>3</sup>

  
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 Medical Technologist

  
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**GENSENS INC.**

Unit 1 AGS Plaza #60 Quezon Avenue, Quezon City / Tel. nos. (02) 410-50-13 / LAB (02) 412-92-10 / Admin (02) 412-54-39

Patient ID # 130805AV5166

 Name: **ABELA, VIRGINIA MEDALLA**

Date of Birth: 15-Mar-1956 Age: 57

Requesting Physician / Company: DR. CHRISTOPHER REX GLORIA

Case #: 4522

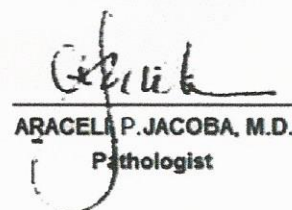
Date: 5-Aug-2013

Gender: FEMALE

BIOCHEMISTRY		
DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE
GLUCOSE (FASTING)	4.9 4.1-5.9 mmol/L	88.27 74-106mg/dL
CREATININE Female	76.0 40 - 88 µmol/L	0.86 0.5 - 1.0 mg/dL
BLOOD URIC ACID Female	417.0 143 - 339 µmol/L	7.07 2.42 - 5.75 mg/dL
SGOT Female	36.0 0 - 31 U/L	36.0 0 - 31 U/L
SGPT Female	29.0 0 - 34 U/L	29.0 0 - 34 U/L

  
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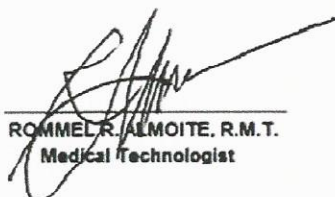


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**BIOCHEMISTRY**

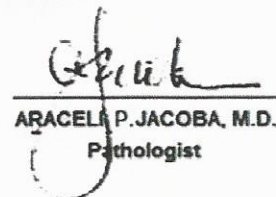
DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE
<b>CHOLESTEROL</b>	<b>5.52</b>	<b>212.31</b>
Desirable	≤5.2 mmol/L	≤200 mg/dL
Borderline High Risk	5.2 - 6.2 mmol/L	200 - 240 mg/dL
High Risk	>6.2 mmol/L	> 240 mg/dL
<b>TRIGLYCERIDES</b>	<b>1.06</b>	<b>93.81</b>
Normal	< 1.695 mmol/L	<150 mg/dL
Low Risk	1.695 - 2.26 mmol/L	150 - 200 mg/dL
High Risk	2.26 - 5.65 mmol/L	200 - 500 mg/dL
Extremely High	>5.65 mmol/L	> 500 mg/dL
<b>HDL</b>	<b>1.53</b>	<b>58.85</b>
<b>Female</b>	0.77 - 2.19 mmol/L	30 - 85 mg/dL
<b>LDL</b>	<b>2.94</b>	<b>115.81</b>
Desirable	<3.36 mmol/L	<130 mg/dL
Borderline High Risk	3.36 - 4.11 mmol/L	130 - 159 mg/dL
High Risk	>4.14 mmol/L	>160 mg/dL
<b>VLDL</b>	<b>1.05</b>	<b>41.36</b>
	0.13 - 1.04 mmol/L	5 - 40 mg/dL
<b>RATIO</b>		
<b>Total Chole:HDL</b>		<b>3.61</b>
Preferably		<5.0
Ideal		<3.5
<b>HDL:LDL</b>		<b>0.51</b>
Preferably		>0.3
Ideal		>0.4
<b>Triglycerides:HDL</b>		<b>1.59</b>
Preferably		<4
Ideal		<2



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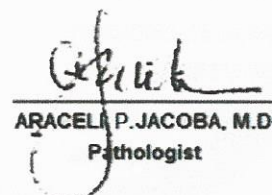
Gender: FEMALE

**ELECTROLYTES**

DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE
SODIUM	141.2 135 - 145 mmol/L	141.2 135 - 145 meq/L
POTASSIUM	4.85 3.5 - 5.0 mmol/L	4.85 3.5 - 5.0 meq/L
CALCIUM	2.59 2.2 - 2.9 mmol/L	10.36 8.8 - 11.6 mg/dL
CHLORIDE	103.90 98 - 108 mmol/L	103.90 98 - 108 meq/L
MAGNESIUM Female	0.66 0.65 - 1.05 mmol/L	1.60 1.58 - 2.55 mg/dL

  
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**THYROID TEST**

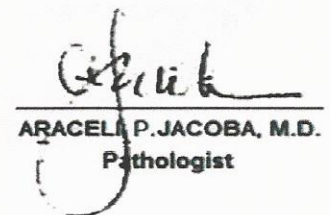
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE
<b>FT3</b> (ELFA)	<b>4.89</b>	pmol/L	4.0 - 8.3
<b>FT4</b> (ELFA)	<b>1.10</b>	ng/dL	0.69 - 1.55
<b>TSH</b> (ELFA)	<b>2.09</b>	uIU/mL	0.25 - 5.0



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**HORMONES TEST**

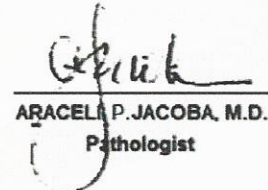
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE
<b>PROGESTERONE</b> (ELFA)	<b>11.50</b>	ng/mL	Follicular Phase $\leq 0.25 - 54$ Luteal 1.5 - 20 Ovulation Peak $\leq 0.25 - 6.22$ Menopause $< 0-41$
<b>Dehydroepiandrosterone Sulfate (DHEA-SO4)</b>	<b>1,658</b>	$\mu\text{g/L}$	400 - 2960



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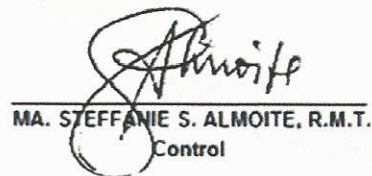
Gender: FEMALE

**SEROLOGY/IMMUNOLOGY**

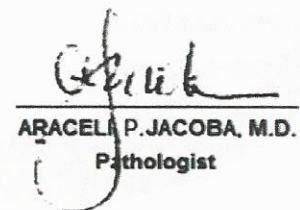
DESCRIPTION	PATIENT RESULT	REFERENCE VALUE
<b>C-REACTIVE PROTEIN</b> (HCRP)	<b>0.1</b>	0.0 - 0.5 mg/dL



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**SPECIAL CHEMISTRY**

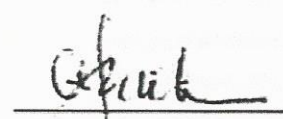
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE
HOMOCYSTEINE	10.0	μmol/L	5.0 - 12.0



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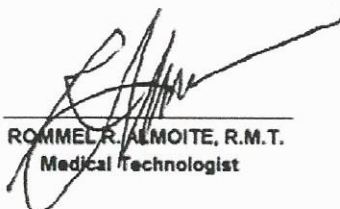
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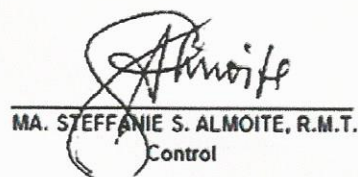
Date: 5-Aug-2013

Gender: FEMALE

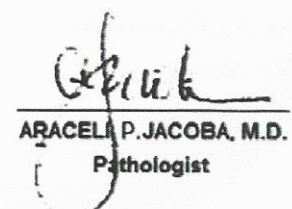
VITAMINS AND NUTRITION			
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE
VITAMIN D 25 OH	75.0	ng/mL	30-150



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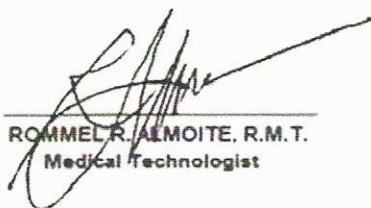
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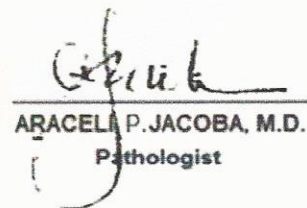
Requesting Physician / Company: DR. CHRISTOPHER REX GLORIA

**CUMULATIVE REPORT**

DESCRIPTION	RESULT AS OF 08.05.2013	RESULT AS OF 03.20.2013
<b>GROSS</b>		
COLOR	LIGHT YELLOW	YELLOW
TRANSPARENCY	SLIGHTLY HAZY	HAZY
SPECIFIC GRAVITY	1.020	1.010
pH	6.5	6.0
PROTEIN	NEGATIVE	NEGATIVE
SUGAR	NEGATIVE	NEGATIVE
BILIRUBIN	NEGATIVE	
UROBILINOGEN	1.7 µmol/L (NORMAL)	
KETONE	NEGATIVE	
NITRITE	NEGATIVE	
<b>MICROSCOPIC</b>		
● RBC	1-2/hpf	0-1/hpf
● PUS CELL	5-8/hpf	0-1/hpf
EPITHELIAL CELLS		RARE
RENAL EPITHELIAL CELLS	FEW	
● SQUAMOUS EPITHELIAL CELLS	MODERATE	
MUCUS THREADS	FEW	FEW
● BACTERIA	OCCASIONAL	FEW
● AMORPHOUS URATES	OCCASIONAL	

  
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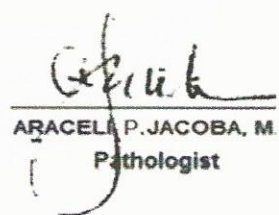
Requesting Physician / Company: DR. CHRISTOPHER REX GLORIA

**CUMULATIVE REPORT**

DESCRIPTION	REFERENCE VALUE	RESULT AS OF 08.05.2013	RESULT AS OF 03.20.2013
<b>HEMATOLOGY</b>			
RED BLOOD CELL	4.5-5.10 x 10 <sup>6</sup> /mm <sup>3</sup>	<b>4.51</b>	4.65
HEMOGLOBIN	Female: 11.1 - 16.7 g/dL	<b>14.70</b>	14.62
HEMATOCRIT	Female: 35.9 - 44.6%	<b>44.20</b>	43.00
MCV	80-96 fl	<b>98.00</b>	92.47
MCH	27.5-33.2pg	<b>32.59</b>	31.44
MCHC	33.4-35.5%	<b>33.26</b>	34.00
<b>WHITE BLOOD CELL</b>			
GRANULOCYTES	4.1 - 10.5 x10 <sup>9</sup> /mm <sup>3</sup>	<b>8.96</b>	5.50
LYMPHOCYTES	48.5 - 80.3	<b>72.10</b>	38.00
MONOCYTES	16.0 - 43.3	<b>23.40</b>	52.00
EOSINOPHIL	2.8 - 10.2	<b>2.60</b>	4.00
BASOPHILS	0.0 - 8.0	<b>1.40</b>	6.00
	0.0 - 2.0	<b>0.50</b>	
<b>PLATELET COUNT</b>			
	150 - 450 x10 <sup>9</sup> /mm <sup>3</sup>	<b>261</b>	248

  
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**CUMULATIVE REPORT**

DESCRIPTION	REFERENCE VALUE	RESULT AS OF 08.05.2013	RESULT AS OF 03.20.2013
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**BIOCHEMISTRY**

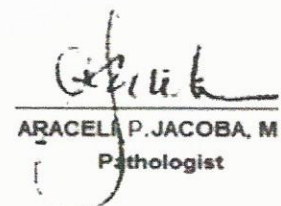
<b>CHOLESTEROL</b>		<b>5.52</b>	6.00
Desirable	≤5.2 mmol/L		
Borderline High Risk	5.2 - 6.2 mmol/L		
High Risk	>6.2 mmol/L		
<b>TRIGLYCERIDES</b>		<b>1.06</b>	1.74
Normal	< 1.695 mmol/L		
Low Risk	1.695 - 2.26 mmol/L		
High Risk	2.26 - 5.65 mmol/L		
Extremely High	>5.65 mmol/L		
<b>HDL</b>			
Female	0.77 - 2.19 mmol/L	<b>1.53</b>	1.47
<b>LDL</b>		<b>2.94</b>	3.73
Desirable	<3.36 mmol/L		
Borderline High Risk	3.36 - 4.11 mmol/L		
High Risk	>4.14 mmol/L		
<b>VLDL</b>		<b>1.05</b>	0.80
	0.13 - 1.04 mmol/L		



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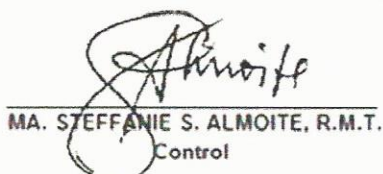
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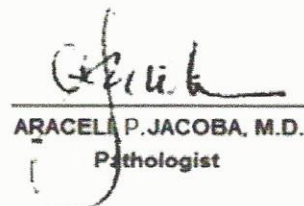
CUMULATIVE REPORT				
DESCRIPTION	REFERENCE VALUE	UNIT	RESULT AS OF 08.05.2013	RESULT AS OF 03.20.2013
<b>THYROID TEST</b>				
FT3	4.0 - 8.3	pmol/L	<b>4.89</b>	4.88
FT4	0.69 - 1.55	ng/dL	<b>1.10</b>	0.93
TSH	0.25 - 5.0	uIU/ml	<b>2.09</b>	3.44
<b>HORMONES TEST</b>				
<b>PROGESTERONE</b> (ELFA)		ng/mL	<b>11.50</b>	0.67
Follicular Phase	≤ 0.25 - 54			
Luteal	1.5 - 20			
Ovulation Peak	≤ 0.25 - 6.22			
Menopause	< 0.41			
<b>Dehydroepiandrosterone Sulfate (DHEA-SO4)</b>	400 - 2960	µg/L	<b>1,658</b>	375
<b>SEROLOGY/IMMUNOLOGY</b>				
<b>C-REACTIVE PROTEIN</b> (NEPH)	0.0 - 0.5	mg/dL	<b>0.1</b>	0.73
<b>SPECIAL CHEMISTRY</b>				
<b>HOMOCYSTEINE</b>	5.0 - 12.0	µmol/L	<b>10.0</b>	10.0
<b>VITAMINS AND NUTRITIONS</b>				
<b>VITAMIN D25 OH</b>	30-150	ng/mL	<b>75.0</b>	37.82



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\*\*\*This report is electronically signed out\*\*\*