

130820ASA5495

Case #: 4846

Name:

ABAD SANTOS, ANA LOUWALLIEN

20-Aug-2013 Date:

Date of Birth: 19-Mar-1974

Gender: FEMALE

Requesting Physician / Company:

DR. CHRISTOPHER REX GLORIA

#### URINALYSIS

Age: 39

DESCRIPTION	RESULT
GROSS	
COLOR	YELLOW
TRANSPARENCY	SLIGHTLY HAZY
SPECIFIC GRAVITY	1.015
pH	5.5
PROTEIN	NEGATIVE
SUGAR	NEGATIVE
BILIRUBIN	NEGATIVE
UROBILINOGEN	1.7 μmol/L ( Normal )
KETONE	NEGATIVE
NITRITE	NEGATIVE
MICROSCOPIC	
● RBC	1-2/hpf
● PUS CELL	4-6/hpf
● EPITHELIAL CELLS	MODERATE
MUCUS THREADS	FEW
BACTERIA	FEW
AMORPHOUS URATES	MODERATE

MOITE, R.M.T. Medical Technologist

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

ARACELÍ P.JACOBA, M.D. Pathologist



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### HEMATOLOGY

TILMATOLOGI				
DESCRIPTION	RESULT	REFERENCE VALUE		
RED BLOOD CELL	5.00	4.5-5.10 x 10 <sup>6</sup> mm3		
HEMOGLOBIN	14.07	Female: 11.1 - 16.7 g/dL		
HEMATOCRIT	42.0	Female: 35.9 - 44.6%		
MCV	84.00	80-96 fl		
MCH	28.14	27.5-33.2pg		
MCHC	33.50	33.4-35.5 g/dL		
WHITE BLOOD CELL	4.25	4.1 - 10.5 x10 <sup>9</sup> /mm <sup>3</sup>		
■ GRANULOCYTES	48.0	48.5 - 80.3		
LYMPHOCYTES	43.0	16.0 - 43.3		
MONOCYTES	4.0	2.8 - 10.2		
EOSINOPHIL	5.0	0.0 - 8.0		
BASOPHILS		0.0 - 2.0		
PLATELET COUNT	391	150 - 450 x10 <sup>9</sup> /mm <sup>3</sup>		
ESR	22	< 50 Y/O 0-20 mmhr		

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BIOCHEMISTRY			
DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE	
GLUCOSE (FASTING)	<b>4.0</b> 4.1-5.9 mmol/L	<b>72.06</b> 74-106mg/dL	
CREATININE	32	0.36	
Female	40 - 88 μmol/L	0.5 - 1.0 mg/dL	
BLOOD URIC ACID	265	4.49	
Female	143 - 339 μmol/L	2.42 - 5.75 mg/dL	
SGOT Female	<b>21</b> 0 - 31 U/L	<b>21.00</b> 0 - 31 U/L	
SGPT Female	17 0 - 34 U/L	<b>17.00</b> 0 - 34 U/L	
HBA1C	<b>4.12</b> 4.3-6.4%	<b>4.12</b> 4.3-6.4%	

MOITE, R.M.T. al Technologist

VIE S. ALMOITE, R.M.T. MA. STEFF Control

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DESCRIPTION REFERENCE VALUE REFERENCE VALUE		
DESCRIPTION		RESULT IN Conventional U
OLESTEROL	6.24	240.00

	DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE
CHOLEST	EROL	6.24	240.00
	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
TRIGLYCI	ERIDES	2.68	237.17
	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>●</b> HDL		2.28	87.69
	Female	0.77 - 2.19 mmol/L	30 - 85 mg/dL
LDL		2.33	91.78
	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
■VLDL		1.63	64.21
		0.13 - 1.04 mmol/L	5 - 40 mg/dL
RATIO			
Total Cho	le:HDL		2.74
	Preferably		<5.0
	Ideal		<3.5
HDL:LDL			0.96
	Preferably		>0.3
	Ideal		>0.4
Triglyceri	des:HDL		2.70
	Preferably		<4
	Ideal		<2

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ELECTROLYTES			
DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE	
SODIUM	147.0	147.00	
	135 - 145 mmol/L	135 - 145 meq/L	
POTASSIUM	4.86	4.86	
	3.5 - 5.0 mmol/L	3.5 - 5.0 meq/L	
CALCIUM	2.24	8.96	
	2.2 - 2.9 mmol/L	8.8 - 11.6 mg/dL	
CHLORIDE	108.00	108.00	
	98 - 108 mmol/L	98 - 108 meg/L	
MAGNESIUM	1.06	2.58	
Female	0.65 - 1.05 mmol/L	1.58 - 2.55 mg/dL	

al Technologist

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THYROID TEST				
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE	
FT3 (ELFA)	6.78	pmol/L	4.0 - 8.3	
FT4 (ELFA)	1.32	ng/dL	0.69 - 1.55	
TSH (ELFA)	0.88	ulU/mL	0.25 - 5.0	

Medical Technologist

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HORMONES TEST					
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE		
FSH (ELFA)	4.0	mIU/mL	Ovulation Peak	6.3 - 24	
			Follicular Phase		
			1st Half	3.9 -12.0	
			2nd Half	2.9 - 9.0	
			Luteal Phase	1.5 -7.0	
			Menopause	17 - 95	
LH (ELFA)	4.15	mIU/mL	Ovulation Peak	9.6 - 80	
			Follicular Phase		
			1st Half	1.5 - 8.0	
			2nd Half	2.0 - 8.0	
			Luteal Phase	0.2 - 6.5	
			Menopause	8.0 - 33.0	
PROGESTERONE (ELFA)	0.41	ng/mL	Follicular Phase	< 0.25 - 54	
		J	Luteal	1.5 - 20	
			Ovulation Peak	< 0.25 - 6.22	
			Menopause	< 0-41	
ESTRADIOL (ELFA)	181.80	pg/mL	Follicular Phase	< 18 -147	
		10	Pre-Ovulatory	93 - 575	
			Luteal	43 -214	
			Menopause	< 58	

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HORMONES TEST				
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE	
TOTAL TESTOSTERONE	96.0	ng/dL	10 - 90	
CORTISOL (ELFA)	17.8	μg/dL	8:00 A.M SPECIMEN 5-23	
SEROTONIN (ELISA)	84.0	μg/L	80-450	
Dehydroepiandrosterone Sulfate (DHEA-SO4)	553	μg/L	400 - 2960	
IGF-1 (ELISA)	125	ng/mL	Ages: 36- 40 years 109-204	

ROMMELR ALMOITE, R.M.T.
Medical Technologist

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# SEROLOGY/IMMLINOLOGY

SEKOLOS Mililion SESS 1			
DESCRIPTION	PATIENT RESULT	REFERENCE VALUE  0.0 - 0.5 mg/dL	
C-REACTIVE PROTEIN (HCRP)	0.1		

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## SPECIAL CHEMISTRY

DESCRIPTION	RESULT	UNIT	REFERENCE VALUE	
HOMOCYSTEINE	15.0	μmol/L	5.0 - 12.0	

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TUMOR MARKERS				
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE	
CEA (ELFA)	0.61	ng/mL	Non-Smoker Smoker	< 2.5 < 5
<b>CA 125</b> (ELFA)	6.12	U/mL	4.5 - 35.0	
<b>CA 19-9</b> (ELFA)	5.2	U/mL	3.0 - 37.0	
CA 15-3 (ELFA)	8.52	U/mL	0.00 - 32.40	

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	VITAMINS AND NUT	RITION	
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE
VITAMIN D 25 OH	46.24	ng/mL	30-150

MOITE, R.M.T. al Technologist

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Pathologist



Patient ID #: 130820ASA5495

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Gender: FEMALE

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## **VIRAL HEPATITIS TEST**

DESCRIPTION	PATIENT	CUT-OFF VALUE	RESULT
HBs Ag	0.01	0.13	NON-REACTIVE
ANTI-HBs	29.0	5.00	REACTIVE
ANTI- HCV	0.015	1.00	NON-REACTIVE

ROMMEL R. ALMOITE, R.M.T.

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20-Aug-2013

**FEMALE** Gender:

	FIV	TEST	
DESCRIPTION	PATIENT	CUT-OFF VALUE	RESULT
HIV	0.126	1.00	NON-REACTIVE

Medical Fechnologist

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

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20-Aug-2013 **FEMALE** 

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SEROLOGY/IMMUNOLOGY			
DESCRIPTION	RESULT		
VDRL	NON-REACTIVE		

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