

130820ASA5495

ABAD SANTOS, ANA LOUWALLIEN

Case #: 15890

Name:

Date of Birth: 19-Mar-1974

Age: 40

Date: 7-Nov-2014 Gender: FEMALE

Requesting Physician / Company: DR. CHRISTOPHER REX GLORIA

## **CUMULATIVE REPORT**

	URINALYSIS	URINALYSIS				
DESCRIPTION	RESULT AS OF 11.07.2014	RESULT AS OF 08.20.2013	RESULT AS OF			
GROSS						
COLOR	YELLOW	YELLOW	*			
TRANSPARENCY	CLEAR	SLIGHTLY HAZY	*			
SPECIFIC GRAVITY	1.005	1.015	*			
pH	6.0	5.5	*			
PROTEIN	NEGATIVE	NEGATIVE	*			
SUGAR	NEGATIVE	NEGATIVE	*			
BILIRUBIN	NEGATIVE	NEGATIVE	*			
UROBILINOGEN	1.7 µmol/L (Normal)	1.7 μmol/L (Normal)	*			
KETONE	NEGATIVE	NEGATIVE	*			
NITRITE	NEGATIVE	NEGATIVE	*			
ASCORBIC ACID	NEGATIVE	*	*			
MICROSCOPIC						
RBC	0-3 / hpf	1-2 / hpf	*			
PUS CELL	0-2 / hpf	4-6 / hpf	*			
EPITHELIAL CELLS	OCCASIONAL	MODERATE	*			
MUCUS THREADS	FEW	FEW	*			
BACTERIA	OCCASIONAL	FEW	*			
AMORPHOUS URATES	OCCASIONAL	MODERATE				

ROMMEL ALMOITE, RMT MEDICAL TECHNOLOGIST

STEFFANIE'S. ALMOITE, RMT CONTROL



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HEMATOLOGY					
DESCRIPTION	REFERENCE VALUE	RESULT AS OF 11.07.2014	RESULT AS OF 08.20.2013	RESULT AS OF	
RED BLOOD CELL	4.5-5.10 x 10 <sup>6</sup> mm3	4.88	5.00	*	
HEMOGLOBIN	Female: 11.1 - 16.7 g/dL	14.44	14.07	*	
HEMATOCRIT	Female: 35.9 - 44.6%	38.00	42.00	*	
MCV	80-96 fl	77.86	84.00	*	
MCH	27.5-33.2pg	29.59	28.14	*	
MCHC	33.4-35.5 g/dL	38.00	33.50	*	
WHITE BLOOD CELL	4.1 - 10.5 x10 <sup>9</sup> /mm <sup>3</sup>	5.58	4.25	*	
GRANULOCYTES	48.5 - 80.3	46.54	48.0	*	
LYMPHOCYTES	16.0 - 43.3	41.71	43.0	*	
MONOCYTES	2.8 - 10.2	4.00	4.0	*	
EOSINOPHIL	0.0 - 8.0	5.00	5.0	*	
BASOPHILS	0.0 - 2.0	2.75	*	*	
PLATELET COUNT	150 - 450 x10 <sup>9</sup> /mm <sup>3</sup>	317	391	*	
ESR	< 50 Y/O : 0 - 20 mm/hr	4	22	*	

ROMMELA. ALMOITE, RMT

STEFFANIE S. ALMOITE, RMT



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## **CUMULATIVE REPORT**

	Bloc	HEWL	STRY		
DESCRIPTION	REFERENCE VALUE	UNIT	RESULT AS OF 11.07.2014	RESULT AS OF 08.20.2013	RESULT AS OF
GLUCOSE (FASTING)	4.1 - 5.9	mmol/L	4.81	4.0	*
CREATININE Female	40 - 88	µmol/L	76.20	32.0	*
BLOOD URIC ACID Female	143 - 339	µmol/L	224.0	265.0	*
SGOT	0 - 35	U/L	17.6	21.0	*
SGPT	0 - 45	U/L	11.0	17.0	*
HBA1C	4.3 - 6.4	%	4.11	4.12	*
CHOLESTEROL  Desirable  Borderline High Risk  High Risk	≤5.2 5.2 - 6.2 >6.2	mmol/L mmol/L mmol/L	5.89	6.24	*
TRIGLYCERIDES  Normal  Low Risk  High Risk  Extremely High	< 1.695 1.695 - 2.26 2.26 - 5.65 >5.65	mmol/L mmol/L mmol/L mmol/L	1.80	2.68	*
HDL Female	0.77 - 2.19	mmol/L	2.31	2.28	*
Desirable Borderline High Risk High Risk	<3.36 3.36 - 4.11 >4.14	mmol/L mmol/L mmol/L	2.50	2.33	*
VLDL	0.13 - 1.04	mmol/L	1.08	1.63	*

ROMMEL R. ALMOITE, RMT MEDICAL TECHNOLOGIST STEFFANIES. ALMOITE, RMT

MOITE, RMT DR. ARACELI P. JACOBA
pathologist



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CUMULATIVE REPORT						
DESCRIPTION	REFERENCE VALUE	UNIT	RESULT AS OF 11.07.2014	RESULT AS OF 08.20.2013	RESULT AS OF	
	ELEC	TROL	YTE			
SODIUM	135 - 145	mmol/L	146.50	147.0	*	
POTASSIUM	3.5 - 5.0	mmol/L	4.21	4.86	*	
CALCIUM	2.2 - 2.9	mmol/L	2.27	2.24	*	
CHLORIDE	98 - 108	mmol/L	106.3	108.0	*	
MAGNESIUM FEMALE	0.65 - 1.05	mmol/L	0.93	1.06	*	

R. ALMOITE, RMT AL TECHNOLOGIST

STEFFANIES. ALMOITE, RMT CONTROL



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CUMULATIVE REPORT					
DESCRIPTION	REFERENCE VALUE	UNIT	RESULT AS OF 11.07.2014	RESULT AS OF 08.20.2013	RESULT AS OF
	HOF	MONE	S		
PROGESTERONE (ELFA)			1.09	0.41	*
Follicular Phase	≤ 0.25 - 54	ng/mL			
Luteal	1.5 - 20	ng/mL			
Ovulation Peak	< 0.25 - 6.22	ng/mL			
Menopause	< 0 - 41	ng/mL			
ESTRADIOL (ELFA)			62.24	181.80	*
Follicular Phase	< 18 -147	pg/mL			
Pre-Ovulatory	93 - 575	pg/mL			
Luteal	43 -214	pg/mL			
Menopause	< 58	pg/mL			
TESTOSTERONE Female	10 - 90	ng/dL	28.2	96.0	*
CORTISOL 8-10 AM Specimen	5.0 - 23.0	µg/dL	17.14	17.80	*
SEROTONIN (ELISA)	80 - 450	µg/L	226.0	84.0	*
Dehydroepiandrosterone Sulfate (DHEA-SO4)	400 - 2960	μg/L	1486.65	553.0	*
	SPECIAL	CHEN	ISTRY		
HOMOCYSTEINE	5.0 - 12.0	µmol/L	3.62	15.0	*
	VITANIN	8 N U T	RITION		
VITAMIN D 25 OH	30-150	ng/mL	27.33	46.24	*

ALMOITE, RMT CAL TECHNOLOGIST

STEFFANIE'S. ALMOITE, RMT CONTROL



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R 6	5.7		-	200	YS	-

URINALTSIS				
DESCRIPTION	RESULT			
GROSS				
COLOR	YELLOW			
TRANSPARENCY	CLEAR			
SPECIFIC GRAVITY	1.005			
pH	6.0			
PROTEIN	NEGATIVE			
SUGAR	NEGATIVE			
BILIRUBIN	NEGATIVE			
UROBILINOGEN	1.7 µmol/L (Normal)			
KETONE	NEGATIVE			
NITRITE	NEGATIVE			
ASCORBIC ACID	NEGATIVE			
MICROSCOPIC				
RBC	0-3 / hpf			
PUS CELL	0-2 / hpf			
EPITHELIAL CELLS	OCCASIONAL			
MUCUS THREADS	FEW			
BACTERIA	OCCASIONAL			
AMORPHOUS URATES	OCCASIONAL			

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DR. CHRISTOPHER REX GLORIA

## HEMATOLOGY

HEIWATOLOG1				
DESCRIPTION	RESULT	REFERENCE VALUE		
RED BLOOD CELL	4.88	4.5-5.10 x 10 <sup>6</sup> mm3		
HEMOGLOBIN	14.44	Female: 11.1 - 16.7 g/dL		
HEMATOCRIT	38.00	Female: 35.9 - 44.6%		
MCV	77.86	80-96 fl		
MCH	29.59	27.5-33.2pg		
MCHC	38.00	33.4-35.5 g/dL		
WHITE BLOOD CELL	5.58	4.1 - 10.5 x10 <sup>9</sup> /mm <sup>3</sup>		
GRANULOCYTES	46.54	48.5 - 80.3		
LYMPHOCYTES	41.71	16.0 - 43.3		
MONOCYTES	4.00	2.8 - 10.2		
EOSINOPHIL	5.00	0.0 - 8.0		
BASOPHILS	2.75	0.0 - 2.0		
PLATELET COUNT	317	150 - 450 x10 <sup>9</sup> /mm <sup>3</sup>		
ESR	4	< 50 Y/O: 0-20 mm/hr		

MEDICAL TECHNOLOGIST

STEFFANIES. ALMOITE, RMT CONTROL

OLOGIST



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BIOCHEMISTRY				
DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE		
GLUCOSE (FASTING)	4.81	86.65		
	4.1 - 5.9 mmol/L	74 - 106 mg/dL		
CREATININE	76.20	0.86		
Female	40 - 88 μmol/L	0.5 - 1.0 mg/dL		
BLOOD URIC ACID	224.0	3.80		
Female	143 - 339 μmol/L	2.42 - 5.75 mg/dL		
SGOT	17.60	17.60		
Female	0 - 31 U/L	0 - 31 U/L		
SGPT	11.0	11.0		
Female	0 - 34 U/L	0 - 34 U/L		
HBA1C	4.11	4.11		
	4.3 - 6.4 %	4.3 - 6.4 %		

ALMOITE, RMT AL TECHNOLOGIST

STEFFAMES. ALMOITE, RMT CONTROL

PATHOLOGIST



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	BIOCHEMISTRY				
DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE			
CHOLESTEROL	5.89	226.54			
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			
TRIGLYCERIDES	1.80	159.29			
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			
HDL	2.31	88.85			
Female	0.77 - 2.19 mmol/L	30 - 85 mg/dL			
LDL	2.50	98.48			
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	1.08	42.54			
	0.13 - 1.04 mmol/L	5 - 40 mg/dL			
RATIO					
Total Chole:HDL		2.55			
Preferably		<5.0			
ldeal		<3.5			
HDL:LDL		0.90			
Preferably		>0.3			
Ideal		>0.4			
Triglycerides:HDL		1.79			
Preferably		<4			
ldeal		<2			

ALMOITE, RMT CAL TECHNOLOGIST

STEFFANIE'S. ALMOITE, RMT CONTROL

DR. ARACELI P. JACOBA



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ELECTROLYTES				
DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE		
SODIUM	146.5 135 - 145 mmol/L	<b>146.50</b> 135 - 145 meq/L		
POTASSIUM	<b>4.21</b> 3.5 - 5.0 mmol/L	<b>4.21</b> 3.5 - 5.0 meg/L		
CALCIUM	<b>2.27</b> 2.2 - 2.9 mmol/L	9.08 8.8 - 11.6 mg/dL		
CHLORIDE	<b>106.30</b> 98 - 108 mmol/L	<b>106.30</b> 98 - 108 meg/L		
MAGNESIUM Female	<b>0.93</b> 0.65 - 1.05 mmol/L	2.26 1.58 - 2.55 mg/dL		

ALMOITE, RMT MEDICAL TECHNOLOGIST

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HORMONES TEST					
DESCRIPTION	RESULT	UNIT	REFERENCE	VALUE	
PROGESTERONE (ELFA)	1.09	ng/mL	Follicular Phase Luteal Ovulation Peak Menopause	≤ 0.25 - 54 1.5 - 20 ≤ 0.25 - 6.22 < 0-41	
ESTRADIOL (ELFA)	62.24	pg/mL	Follicular Phase Pre-Ovulatory Luteal Menopause	< 18 -147 93 - 575 43 -214 < 58	
TOTAL TESTOSTERONE (ELFA)	28.2	ng/dL	10 - 90		
CORTISOL (ELFA)	17.14	µg/dL	8:00 A.M SPECIMEN	5-23	
SEROTONIN (ELISA)	226.0	μg/L	80 - 450		
Dehydroepiandrosterone Sulfate (DHEA-SO4)	1486.65	μg/L	400 - 2960		

MEDICAL TECHNOLOGIST

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SPECIAL CHEMISTRY					
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE		
HOMOCYSTEINE	3.62	μmol/L	5.0 - 12.0		

H. ALMOITE, RMT MEDICAL TECHNOLOGIST

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VITAMINS AND NUTRITION					
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE		
VITAMIN D 25 OH	27.33	ng/mL	30 - 150		

ALMOITE, RMT MEDICAL TECHNOLOGIST

STEFFANIE S. ALMOITE, RMT CONTROL

PATHOLOGIST