

130320AV2183

Case #: 1832

Name:

ABELA, VIRGINIA MEDALLA

Date:

20-Mar-2013

Date of Birth:

15-Mar-1956

Age: 57

Gender: FEMALE

Requesting Physician / Company:

DR. CHRISTOPHER REX GLORIA

URINALYSIS

	OTHER ET OIL		
DESCRIPTION	RESULT		
GROSS			
COLOR	YELLOW		
TRANSPARENCY	HAZY		
SPECIFIC GRAVITY	1.010		
pH	6.0		
PROTEIN	NEGATIVE		
SUGAR	NEGATIVE		
MICROSCOPIC			
RBC	0-1/hpf		
PUS CELL	0-1/hpf		
EPITHELIAL CELLS	RARE		
MUCUS THREADS	FEW		
BACTERIA	FEW		

Medical Technologist

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thologist



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DESCRIPTION	RESULT	REFERENCE VALUE
RED BLOOD CELL	4.65	4.5-5.10 x 10 ⁶ mm3
HEMOGLOBIN	14.62	Female: 11.1 - 16.7 g/dL
HEMATOCRIT	43.0	Female: 35.9 - 44.6%
MCV	92.47	80-96 fl
MCH	31.44	27.5-33.2pg
MCHC	34.0	33.4-35.5 g/dL
WHITE BLOOD CELL	5.5	4.1 - 10.5 x10 ⁹ /mm ³
GRANULOCYTES	38.0	48.5 - 80.3
LYMPHOCYTES	52.0	16.0 - 43.3
MONOCYTES	4.0	2.8 - 10.2
EOSINOPHIL	6.0	0.0 - 8.0
BASOPHILS		0.0 - 2.0
PLATELET COUNT	248	150 - 450 x10 ⁹ /mm ³
ESR	15	> 50 Y/O : 0-30 mmhr

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BIOCHEMISTRY						
DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE				
GLUCOSE (FASTING)	4.0	72.06				
	4.1-5.9 mmol/L	74-106mg/dL				
CREATININE	103.0	1.17				
Female	62 - 121 μmol/L	0.7 - 1.37 mg/dL				
BLOOD URIC ACID	433.0	7.34				
Female	155 - 357 μmol/L	2.6 - 6.0 mg/dL				
SGOT	53.0	53.0				
Female	0 - 31 U/L	0 - 31 U/L				
SGPT	51.0	51.0				
Female	0 - 34 U/L	0 - 34 U/L				
HBA1C	4.96	4.96				
100	4.3-6.4%	4.3-6.4%				

MOITE, R.M.T. Medical Technologist

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P.JACOBA, M.D. Pathologist



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RIOCHEMICTRY	TOW	LIV	VAIL	TIO	1000

DESCRIPTION	RESULT IN SI UNIT REFERENCE VALUE	RESULT IN Conventional Unit REFERENCE VALUE
CHOLESTEROL	6.00	230.77
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	1.74	153.98
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	1.47	56.54
Female	0.77 - 2.19 mmol/L	30 - 85 mg/dL
LDL	3.73	146.92
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	0.80	31.51
	0.13 - 1.04 mmol/L	5 - 40 mg/dL
RATIO		
Total Chole:HDL		4.08
Preferably		<5.0
ldeal		<3.5
HDL:LDL		0.38
Preferably		>0.3
Ideal		>0.4
Triglycerides:HDL		2.72
Preferably		<4
ldeal		<2

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DESCRIPTION	RESULT IN SI UNIT	RESULT IN Conventional Unit
DESCRIPTION	REFERENCE VALUE	REFERENCE VALUE
SODIUM	146.3	146.3
	135 - 145 mmol/L	135 - 145 meq/L
POTASSIUM	4.47	4.47
	3.5 - 5.0 mmol/L	3.5 - 5.0 meq/L
CALCIUM	2.49	9.96
	2.2 - 2.9 mmol/L	8.8 - 11.6 mg/dL
CHLORIDE	107.60	107.60
	98 - 108 mmol/L	98 - 108 meq/L
MAGNESIUM	0.67	1.63
Female	0.65 - 1.05 mmol/L	1.58 - 2.55 mg/dL

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THYROID TEST					
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE		
FT3 (ELFA)	4.88	pmol/L	4.0 - 8.3		
FT4 (ELFA)	0.93	ng/dL	0.69 - 1.55		
TSH (ELFA)	3.44	uIU/mL	0.25 - 5.0		

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	HOR	MONES TEST				
DESCRIPTION RESULT UNIT REFERENCE VALUE						
FSH (ELFA)	92.48	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)	27.20	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)	0.67	ng/mL	Follicular Phase	< 0.25 - 54		
ROOLS I ENOUGE (EEL A)	0.67	rig/iriL	Luteal	<u>≤</u> 0.25 - 54 1.5 - 20		
			Ovulation Peak	< 0.25 - 6.22		
			Menopause	< 0-41		
			Michiopadoc	10-41		
ESTRADIOL (ELFA)	5.00	pg/mL	Follicular Phase	< 18 -147		
			Pre-Ovulatory	93 - 575		
			Luteal	43 -214		
			Menopause	< 58		

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	HORMONES TEST						
DESCRIPTION RESULT		RESULT	UNIT	REFERENCE VALUE			
	TOTAL TESTOSTERONE (ELFA)	1.2	ng/dL	1.0 - 9.0			
	CORTISOL (ELFA)	25.51	μg/dL	A.M SPECIMEN 5-23			
	Dehydroepiandrosterone Sulfate (DHEA-SO4)	375	µg/L	400 - 2960			
	IGF-1 (ELISA)	89	ng/mL	Ages: 56 - 60 Y/O 81 - 225			

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SEROLOGY/IMMUNOLOGY						
DESCRIPTION	PATIENT RESULT	REFERENCE VALUE				
C-REACTIVE PROTEIN (NEPH)	7.311	< 3.8 mg/L				

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SPECIAL CHEMISTRY

DESCRIPTION	RESULT	UNIT	REFERENCE VALUE			
✓ HOMOCYSTEINE	10	μmol/L	5.0 - 12.0			

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TUMOR MARKERS				
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE	
CEA (ELFA)	2.93	ng/mL	Non-Smoker < 2.5 Smoker < 5	
AFP (ELFA)	2.20	ng/mL	0.5 - 40	
CA 125 (ELFA)	9.99	U/mL	4.5 - 35.0	
CA 19-9 (ELFA)	5.15	U/mL	3.0 - 37.0	
CA 15-3 (ELFA)	9.83	U/mL	0.00 - 32.40	

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VITAMINS AND NUTRITION					
DESCRIPTION	RESULT	UNIT	REFERENCE VALUE		
VITAMIN D 25 OH	37.82	ng/mL	30-150		

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