

**PACLAB OLYMPIA**



NETWORK LABORATORIES

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**CLIENT INFORMATION**

YELM FAMILY MEDICINE  
YFM  
PO BOX 760  
YELM, WA 98597

PENN, WILLIAM MD

REPORTED  
02/13/2006 14:10

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**PATIENT INFORMATION**

NAME RAKES, SUSAN  
AGE 43Y DOB 10/08/1962 SEX F

LAB NO.

PATIENT PHONE NO.:

PT. NUMBER

**TESTS REQUESTED:**

F11250 ORDERS: AHFML, ATDIFL, B12FOL, CMPL, FERRE, IBCL, PELP, RAL, RAQL, RTCL, TSHL  
COL: 02/10/2006 11:06 REC: 02/10/2006 11:08

TEST NAME	RESULTS		UNITS	REFERENCE
	OUT OF RANGE	IN RANGE		
<b>COMPREHENSIVE METABOLIC PA</b>				
GLUCOSE		90	mg/dL	65-99
If Pregnant, Normal=65 to 94 mg/dL.				
For additional diagnostic criteria, see the PAML test directory (www.paml.com)				
BUN		9	mg/dL	7-23
CREATININE	>	0.9	mg/dL	0.6-1.2
CALCIUM		8.8	mg/dl	8.5-10.5
AST		20	U/L	5-40
ALT		18	U/L	5-50
ALK PHOSPHATASE		51	U/L	38-110
BILIRUBIN, TOTAL		0.7	mg/dL	0.1-1.5
PROTEIN, TOTAL		7.0	g/dL	6.3-8.0
ALBUMIN		4.1	g/dL	2.5-5.0
SODIUM		138	mmol/L	135-145
POTASSIUM		4.1	mmol/L	3.5-5.3
CHLORIDE		108	mmol/L	98-109
CO2		29	mmol/L	22-31
ANION GAP	L	1		2-11
<b>IRON STUDIES</b>				
IRON		106	ug/dL	30-150
TOTAL IRON BINDING CAPACITY		438	ug/dL	250-450
% SATURATION		24	%	15-50
<b>AUTOMATED CELL COUNT</b>				
WBC		6.8	K/uL	4.0-11.0
RBC		3.97	M/uL	3.80-5.20
HEMOGLOBIN	L	10.2	g/dL	11.6-15.5
HCT	L	31.2	%	35.0-46.0
MCV	L	78.5	fL	80.0-100.0
MCH	L	25.6	pg	27.0-34.0
MCHC		32.6	g/dL	32.0-35.5
RDW	H	17.4	%	11.0-15.0
PLATELET COUNT	H	493	K/uL	150-400
<b>DIFFERENTIAL</b>				
DIFFERENTIAL TYPE		AUTOMATED		
NEUTROPHILS		65	%	40-80

*pt to see Dr. Penn Robinson Fax result*

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CHARLES A. RICHERT, M.D., MEDICAL DIRECTOR

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*2/14/06*