MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,SSAT	SA00047305	46	F	SA00047305
Ordering Phys				**DOB** 06/10/1966
Client Order # SA00047305	**Account Information**			**Report Notes**
Collected 06/25/2012	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901			
Printed 06/27/2012 07:36				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Supersaturation, U			REPORTED 06/27/2012 07:23		
Supersaturation, U					
Calcium Oxalate Crystal		1.27	DG	Reference Mean= 1.77	MCR
Brushite Crystal		-0.05	DG	Reference Mean= 0.21	MCR
Hydroxyapatite Crystal		3.78	DG	Reference Mean= 3.96	MCR
Uric Acid Crystal		0.74	DG	Reference Mean=1.04	MCR
Sodium Urate Crystal		0.84	DG		MCR
-- REFERENCE VALUE --					
Reference Mean= 1.76					
Interpretation					MCR
The DG is related to supersaturation. DG is negative for undersaturated solutions, zero for solutions at the solubility product, and positive for saturated solutions. Any value greater than the Reference Mean is considered a risk for the respective crystal type formation.					
Collection Duration		24	h		MCR
Volume		1000	mL		MCR
Sodium, U		76	mmol/24 h	41 - 227	MCR
Potassium, U		17	mmol/24 h	17 - 77	MCR
Calcium, U		176	mg/spec		SDL
-- REFERENCE VALUE --					
20-275 (Females)*					
>350 (Hypercalciuria)					
*Values are for persons with average calcium intake--i.e., 600-800 mg/day.					
Magnesium, U		100	mg/spec	75-150	SDL
Chloride, U		62	mmol/24 h	40 - 224	MCR
Phosphorus, U		380	mg/spec	<1100	MCR
Sulfate, U					
Sulfate Urine		12	mmol/spec	7 - 47	MCR
Citrate Excretion, U		437	mg/spec	335 - 1191	MCR
Oxalate, U					
Oxalate, U (mmol/spec)		0.25	mmol/spec	0.11 - 0.46	MCR
Oxalate, mg/spec		22.0	mg/spec	9.7 - 40.5	MCR
Analyte Specific Reagent: This test was developed and its performance characteristics determined by Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.					
pH, U		5.9		4.5 - 8.0	MCR
Uric Acid, U		280	mg/spec		MCR
-- REFERENCE VALUE --					
<750 (Diet-dependent)					
Creatinine, U		810	mg/spec		MCR

Performing Site Legend on Last Page of Report

* Report times for Mayo performed tests are CST/CDT

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-- REFERENCE VALUE -- Reported in units of mg/specimen 15-25 mg/kg of body weight/24 hour collection. Normal value applies to 24 hour collection. To convert to mg/kg/24 hours divide result of body weight in kg. If collection is not a 24-hour period, convert to 24 hour					
Osmolality		555	mOsm/kg	150 - 1150	MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.
SDL	Mayo Clinic Laboratories - Rochester Superior Drive 3050 Superior Dr. NW Rochester, MN 55901	Lab Director: Franklin R. Cockerill, III, M.D.

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