

TEST DEFINITION

9/7/2010

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
82029(profile)			Supersaturation, U			
21040	9/28/2009		Supersaturation, U			MCR
			Transport temp : Refrig\Frozen OK\Ambient NO			
			21041 Calcium Oxalate Crystal			
			Units: DG			
			NO SEX			
			All Ages : -1.77		; Reference Mean= 1.77	
			MALE			
			All Ages : -1.77		; Reference Mean= 1.77	
			FEMALE			
			All Ages : -1.77		; Reference Mean= 1.77	
			- - - - -			
			21042 Brushite Crystal			
			Units: DG			
			NO SEX			
			All Ages : -0.21		; Reference Mean= 0.21	
			MALE			
			All Ages : -0.21		; Reference Mean= 0.21	
			FEMALE			
			All Ages : -0.21		; Reference Mean= 0.21	
			- - - - -			
			21043 Hydroxyapatite Crystal			
			Units: DG			
			NO SEX			
			All Ages : -3.96		; Reference Mean= 3.96	
			MALE			
			All Ages : -3.96		; Reference Mean= 3.96	
			(continued next page)			

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
82029 (continued)						
			21043 Hydroxyapatite Crystal (continued)			
			FEMALE			
			All Ages : -3.96		; Reference Mean= 3.96	
			- - - - -			

21044 Uric Acid Crystal
 Units: DG
 NO SEX
 All Ages : -1.04 ; Reference Mean= 1.04
 MALE
 All Ages : -1.04 ; Reference Mean= 1.04
 FEMALE
 All Ages : -1.04 ; Reference Mean= 1.04

21045 Sodium Urate Crystal
 Units: DG
 NO SEX
 All Ages : -1.76 ; Reference Mean= 1.76
 MALE
 All Ages : -1.76 ; Reference Mean= 1.76
 FEMALE
 All Ages : -1.76 ; Reference Mean= 1.76

21060 Interpretation

26346 Collection Duration
 Units: h

26347 Volume
 Units: mL

26348 9/16/2009 Sodium, U MCR

Transport temp : Refrig\Frozen OK\Ambient OK with preservative

26348 Sodium, U
 Units: mmol/24h
 NO SEX

No age : ;
 1D to 15Y : ;
 16Y to 150Y : 41-227 ; 41-227

MALE
 No age : ;
 1D to 15Y : ;
 16Y to 150Y : 41-227 ; 41-227

FEMALE
 No age : ;
 1D to 15Y : ;
 16Y to 150Y : 41-227 ; 41-227

26349 9/16/2009 Potassium, U MCR

Transport temp : Refrig\Frozen OK\Ambient NO

26349 Potassium, U
 Units: mmol/24h

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CODE	DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Site *
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82029	(continued)					
		26349	Potassium, U (continued)			
			NO SEX			
			No age	:	;	
			1D to 15Y	:	;	
			16Y to 150Y	: 17-77	; 17-77	
			MALE			
			No age	:	;	
			1D to 15Y	:	;	
			16Y to 150Y	: 17-77	; 17-77	
			FEMALE			
			No age	:	;	
			1D to 15Y	:	;	
			16Y to 150Y	: 17-77	; 17-77	
			- - - - -			
26350	1/13/2010		Calcium, U			MCR
			Transport temp : Refrig\Frozen OK\Ambient NO			
		26350	Calcium, U			
			Units: mg/spec			
			NO SEX			
			All Ages :		; #N8594N	
			MALE			
			All Ages : 25-300		; #N8594MN	
			FEMALE			
			All Ages : 20-275		; #N8594FN	
			- - - - -			
26351	1/13/2010		Magnesium, U			MCR
			Transport temp : Refrig\Frozen OK\Ambient NO			
		26351	Magnesium, U			
			Units: mg/spec			
			NO SEX			
			All Ages : 75-150		; 75-150	
			MALE			
			All Ages : 75-150		; 75-150	
			FEMALE			
			All Ages : 75-150		; 75-150	
			- - - - -			
26352	9/16/2009		Chloride, U			MCR
			Transport temp : Refrig\Frozen OK\Ambient NO			
		26352	Chloride, U			
			Units: mmol/24h			
			NO SEX			
			No age	:	;	
			1D to 15Y	:	;	
			16Y to 150Y	: 40-224	; 40-224	
			MALE			
			No age	:	;	
			1D to 15Y	:	;	
			16Y to 150Y	: 40-224	; 40-224	

FEMALE
No age : ;
(continued next page)

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
82029	(continued)					
		26352	Chloride, U (continued)			
			1D to 15Y	:	;	
			16Y to 150Y	: 40-224	; 40-224	
			- - - - -			
26353	8/11/2009		Phosphorus, U			MCR
			Transport temp : Refrig\Ambient OK\Frozen OK			
		26353	Phosphorus, U			
			Units: mg/spec			
			NO SEX			
			No age	:	;	
			1D to 15Y	:	;	
			16Y to 150Y	: 0-1099	; <1100	
			MALE			
			No age	:	;	
			1D to 15Y	:	;	
			16Y to 150Y	: 0-1099	; <1100	
			FEMALE			
			No age	:	;	
			1D to 15Y	:	;	
			16Y to 150Y	: 0-1099	; <1100	
			- - - - -			
26354	9/27/2009		Sulfate, U			MCR
			Transport temp : Refrig\Frozen OK\Ambient NO			
		26354	Sulfate, U			
			Units: mmol/spec			
			NO SEX			
			All Ages : 7-47		; 7-47	
			MALE			
			All Ages : 7-47		; 7-47	
			FEMALE			
			All Ages : 7-47		; 7-47	
			- - - - -			
26355	8/11/2009		Citrate Excretion, U			MCR
			Transport temp : Refrig\Frozen OK\Ambient NO			
		26355	Citrate Excretion, U			
			Units: mg/spec			
			NO SEX			
			No age	:	; #N9329C0	
			1D to 19Y	:	; >=150 (20 y)	
			20Y to 20Y	: 150-1191	; 150-1191	
			21Y to 21Y	: 157-1191	; 157-1191	
			22Y to 22Y	: 164-1191	; 164-1191	

23Y to 23Y	:	171-1191	;	171-1191
24Y to 24Y	:	178-1191	;	178-1191
25Y to 25Y	:	186-1191	;	186-1191
26Y to 26Y	:	193-1191	;	193-1191
27Y to 27Y	:	200-1191	;	200-1191
28Y to 28Y	:	207-1191	;	207-1191
29Y to 29Y	:	214-1191	;	214-1191
30Y to 30Y	:	221-1191	;	221-1191

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ORDER CODE -----	EFF DATE -----	TC ----	TITLE -----	Checking Normals -----	Print normals (# coded) -----	Perform Site * -----
82029	(continued)					
		26355	Citrate Excretion, U (continued)			
			31Y to 31Y	: 228-1191	;	228-1191
			32Y to 32Y	: 235-1191	;	235-1191
			33Y to 33Y	: 242-1191	;	242-1191
			34Y to 34Y	: 250-1191	;	250-1191
			35Y to 35Y	: 257-1191	;	257-1191
			36Y to 36Y	: 264-1191	;	264-1191
			37Y to 37Y	: 271-1191	;	271-1191
			38Y to 38Y	: 278-1191	;	278-1191
			39Y to 39Y	: 285-1191	;	285-1191
			40Y to 40Y	: 292-1191	;	292-1191
			41Y to 41Y	: 299-1191	;	299-1191
			42Y to 42Y	: 306-1191	;	306-1191
			43Y to 43Y	: 314-1191	;	314-1191
			44Y to 44Y	: 321-1191	;	321-1191
			45Y to 45Y	: 328-1191	;	328-1191
			46Y to 46Y	: 335-1191	;	335-1191
			47Y to 47Y	: 342-1191	;	342-1191
			48Y to 48Y	: 349-1191	;	349-1191
			49Y to 49Y	: 356-1191	;	356-1191
			50Y to 50Y	: 363-1191	;	363-1191
			51Y to 51Y	: 370-1191	;	370-1191
			52Y to 52Y	: 378-1191	;	378-1191
			53Y to 53Y	: 385-1191	;	385-1191
			54Y to 54Y	: 392-1191	;	392-1191
			55Y to 55Y	: 399-1191	;	399-1191
			56Y to 56Y	: 406-1191	;	406-1191
			57Y to 57Y	: 413-1191	;	413-1191
			58Y to 58Y	: 420-1191	;	420-1191
			59Y to 59Y	: 427-1191	;	427-1191
			60Y to 60Y	: 434-1191	;	434-1191
			61Y to 150Y	:	;	#N9329N150Y
			MALE			
			No age	:	;	#N9329C0
			1D to 19Y	:	;	>=150 (20 y)
			20Y to 20Y	: 150-1191	;	150-1191

21Y to 21Y	:	157-1191	;	157-1191
22Y to 22Y	:	164-1191	;	164-1191
23Y to 23Y	:	171-1191	;	171-1191
24Y to 24Y	:	178-1191	;	178-1191
25Y to 25Y	:	186-1191	;	186-1191
26Y to 26Y	:	193-1191	;	193-1191
27Y to 27Y	:	200-1191	;	200-1191
28Y to 28Y	:	207-1191	;	207-1191
29Y to 29Y	:	214-1191	;	214-1191
30Y to 30Y	:	221-1191	;	221-1191
31Y to 31Y	:	228-1191	;	228-1191
32Y to 32Y	:	235-1191	;	235-1191
33Y to 33Y	:	242-1191	;	242-1191
34Y to 34Y	:	250-1191	;	250-1191

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ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
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82029	(continued)	26355	Citrate Excretion, U (continued)			
			35Y to 35Y	: 257-1191	;	257-1191
			36Y to 36Y	: 264-1191	;	264-1191
			37Y to 37Y	: 271-1191	;	271-1191
			38Y to 38Y	: 278-1191	;	278-1191
			39Y to 39Y	: 285-1191	;	285-1191
			40Y to 40Y	: 292-1191	;	292-1191
			41Y to 41Y	: 299-1191	;	299-1191
			42Y to 42Y	: 306-1191	;	306-1191
			43Y to 43Y	: 314-1191	;	314-1191
			44Y to 44Y	: 321-1191	;	321-1191
			45Y to 45Y	: 328-1191	;	328-1191
			46Y to 46Y	: 335-1191	;	335-1191
			47Y to 47Y	: 342-1191	;	342-1191
			48Y to 48Y	: 349-1191	;	349-1191
			49Y to 49Y	: 356-1191	;	356-1191
			50Y to 50Y	: 363-1191	;	363-1191
			51Y to 51Y	: 370-1191	;	370-1191
			52Y to 52Y	: 378-1191	;	378-1191
			53Y to 53Y	: 385-1191	;	385-1191
			54Y to 54Y	: 392-1191	;	392-1191
			55Y to 55Y	: 399-1191	;	399-1191
			56Y to 56Y	: 406-1191	;	406-1191
			57Y to 57Y	: 413-1191	;	413-1191
			58Y to 58Y	: 420-1191	;	420-1191
			59Y to 59Y	: 427-1191	;	427-1191
			60Y to 60Y	: 434-1191	;	434-1191
			61Y to 150Y	:	;	#N9329N150Y
			FEMALE			
			No age	:	;	#N9329C0

1D to 19Y	:		; >=150 (20 y)
20Y to 20Y	:	150-1191	; 150-1191
21Y to 21Y	:	157-1191	; 157-1191
22Y to 22Y	:	164-1191	; 164-1191
23Y to 23Y	:	171-1191	; 171-1191
24Y to 24Y	:	178-1191	; 178-1191
25Y to 25Y	:	186-1191	; 186-1191
26Y to 26Y	:	193-1191	; 193-1191
27Y to 27Y	:	200-1191	; 200-1191
28Y to 28Y	:	207-1191	; 207-1191
29Y to 29Y	:	214-1191	; 214-1191
30Y to 30Y	:	221-1191	; 221-1191
31Y to 31Y	:	228-1191	; 228-1191
32Y to 32Y	:	235-1191	; 235-1191
33Y to 33Y	:	242-1191	; 242-1191
34Y to 34Y	:	250-1191	; 250-1191
35Y to 35Y	:	257-1191	; 257-1191
36Y to 36Y	:	264-1191	; 264-1191
37Y to 37Y	:	271-1191	; 271-1191
38Y to 38Y	:	278-1191	; 278-1191

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ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
82029	(continued)					
		26355	Citrate Excretion, U (continued)			
			39Y to 39Y	: 285-1191	; 285-1191	
			40Y to 40Y	: 292-1191	; 292-1191	
			41Y to 41Y	: 299-1191	; 299-1191	
			42Y to 42Y	: 306-1191	; 306-1191	
			43Y to 43Y	: 314-1191	; 314-1191	
			44Y to 44Y	: 321-1191	; 321-1191	
			45Y to 45Y	: 328-1191	; 328-1191	
			46Y to 46Y	: 335-1191	; 335-1191	
			47Y to 47Y	: 342-1191	; 342-1191	
			48Y to 48Y	: 349-1191	; 349-1191	
			49Y to 49Y	: 356-1191	; 356-1191	
			50Y to 50Y	: 363-1191	; 363-1191	
			51Y to 51Y	: 370-1191	; 370-1191	
			52Y to 52Y	: 378-1191	; 378-1191	
			53Y to 53Y	: 385-1191	; 385-1191	
			54Y to 54Y	: 392-1191	; 392-1191	
			55Y to 55Y	: 399-1191	; 399-1191	
			56Y to 56Y	: 406-1191	; 406-1191	
			57Y to 57Y	: 413-1191	; 413-1191	
			58Y to 58Y	: 420-1191	; 420-1191	
			59Y to 59Y	: 427-1191	; 427-1191	
			60Y to 60Y	: 434-1191	; 434-1191	
			61Y to 150Y	:	; #N9329N150Y	

26356 9/25/2009 Oxalate, U MCR

Transport temp : Refrig\Frozen OK\Ambient NO

26356 Oxalate, U

Units: mmol/spec

NO SEX

No age : ; 0.11-0.46 (>=16y)

1D to 15Y : ; 0.11-0.46 (>=16y)

16Y to 150Y : 0.11-0.46 ; 0.11-0.46

MALE

No age : ; 0.11-0.46 (>=16y)

1D to 15Y : ; 0.11-0.46 (>=16y)

16Y to 150Y : 0.11-0.46 ; 0.11-0.46

FEMALE

No age : ; 0.11-0.46 (>=16y)

1D to 15Y : ; 0.11-0.46 (>=16y)

16Y to 150Y : 0.11-0.46 ; 0.11-0.46

26680 Oxalate, U

Units: mg/spec

NO SEX

No age : 9.7-40.5 ; 9.7-40.5 (>=16 y)

1D to 15Y : 9.7-40.5 ; 9.7-40.5 (>=16 y)

16Y to 150Y : 9.7-40.5 ; 9.7-40.5

MALE

No age : 9.7-40.5 ; 9.7-40.5 (>=16 y)

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ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
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82029 (continued)

26680 Oxalate, U (continued)

1D to 15Y : 9.7-40.5 ; 9.7-40.5 (>=16 y)

16Y to 150Y : 9.7-40.5 ; 9.7-40.5

FEMALE

No age : 9.7-40.5 ; 9.7-40.5 (>=16 y)

1D to 15Y : 9.7-40.5 ; 9.7-40.5 (>=16 y)

16Y to 150Y : 9.7-40.5 ; 9.7-40.5

26357 7/19/2010 pH, U MCR

Transport temp : Refrig w/toluene\Frozen OK\Ambient NO

5425 pH

26358 8/14/2009 Uric Acid, U MCR

Transport temp : Refrig\Frozen OK\Ambient NO

26358 Uric Acid, U

Units: mg/spec

NO SEX

All Ages : 0-749 ; #N26358

MALE
All Ages : 0-749 ; #N26358
FEMALE
All Ages : 0-749 ; #N26358

26359 8/20/2009 Creatinine, U MCR

Transport temp : Refrig\Frozen OK\Ambient<7 days OK
26359 Creatinine, U

Units: mg/spec
NO SEX
All Ages : ; #N8513N
MALE
All Ages : ; #N8513N
FEMALE
All Ages : ; #N8513N

26360 7/19/2010 Osmolality, U MCR

Transport temp : Refrig\Frozen OK\Ambient NO
5424 Osmolality

Units: mOsm/kg
NO SEX
No age : ; #N9260A
1D to 11M : 50-750 ; 50-750
12M to 150Y : 150-1150 ; 150-1150
MALE
No age : ; #N9260A
1D to 11M : 50-750 ; 50-750
12M to 150Y : 150-1150 ; 150-1150
FEMALE
No age : ; #N9260A
1D to 11M : 50-750 ; 50-750
12M to 150Y : 150-1150 ; 150-1150

*Performing Site Legend

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MCR Mayo Clinic Dpt of Lab Med & Pathology LAB DIRECTOR: Franklin R. Cockerill, III, M.D.
200 First Street SW
Rochester, MN 55905
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*** End of Report ***

CODE TEXT

N26358 <750 (Diet-dependent)

N8513N Reported in units of mg/specimen

15-25 mg/kg of body weight/24 hrs

Normal value applies to 24 hour
collection.
To convert to mg/kg/24 hours
divide result by body weight
in kg. If collection is not
a 24-hour period, convert
to 24 hours.

N8594FN 20-275 (Females)*
>350 (Hypercalciuria)
*Values are for persons with average
calcium intake--i.e., 600-800 mg/day.

N8594MN 25-300 (Males)*
>350 (Hypercalciuria)
*Values are for persons with average
calcium intake--i.e., 600-800 mg/day.

N8594N 25-300 (Males)*
20-275 (Females)*
>350 (Hypercalciuria)
*Values are for persons with aver-
age calcium intake--i.e., 600-800
mg/day--and are based on a 24 hour
collection.

N9260A 0-11 months: 50-750
>=12 months: 150-1150

CODE TEXT

N9329C0 No age provided for this sample.
The lower limit of normal is age
dependent. At age 20 it is 150
mg/24 hours and increases at a
rate of 7.11 mg/24 hours for
each year over age 20.
See also table/MayoAccess/Catalog
for age specific limits.

N9329N150Y >=434 (60 y)
Reference ranges not available

for ages >60 years.
Citrate excretion increases with
age for ages 20-60 years.

Total of 8 normals codes

*** End of Report ***