



MAYO CLINIC
Mayo Medical Laboratories

1-800-533-1710

REPORTING CHANGE

NOTIFICATION DATE: May 15, 2009

EFFECTIVE DATE: June 16, 2009

CYSTINURIA PROFILE, QN, 24 HOUR URINE #8376

EXPLANATION: On June 16, 2009, additional reporting fields [Specimen, Specimen ID, Source, Order Date, Reason for Referral, Method] will be added to test #8376, Cystinuria Profile, QN, 24 Hour Urine. This change will require new file definition.

NOTE: Specimen requirements, fees, and CPT coding will remain unchanged.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Sara Siewert, Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710



TEST DEFINITION

5/15/2009

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
8376 (PROFILE) 3583	5/13/2009		CYSTINURIA PROFILE, QN, 24 HOUR			MCR
			TRANSPORT TEMP : FROZEN\REFRIG OK WITH TOLUENE\AMBIENT NO			
			50439 SPECIMEN			
			50440 SPECIMEN ID			
			50441 SOURCE			
			50442 ORDER DATE			
			50444 METHOD			
			50407 COLLECTION DURATION			
			EXPECT RESULTS OF FORM : SHOULD BE 1-2 DIGITS			
			POSSIBLE RESULT VALUES INCLUDE : 24,RANDOM,RANDOM			
			UNITS: H			
			50406 URINE VOLUME			
			EXPECT RESULTS OF FORM : SHOULD BE A 1, 2, 3, OR 4 DIGIT WHOLE NUMBER			
			POSSIBLE RESULT VALUES INCLUDE : SPOT			
			UNITS: L			
			3583 CYSTINE			
			EXPECT RESULTS OF FORM : SHOULD BE A 1, 2, 3, 4, OR 5 DIGIT WHOLE NUMBER			
			UNITS: UMOL/24 H			
			NO SEX			

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
8376 (CONTINUED)			3583 CYSTINE (CONTINUED)			
			No AGE :		; #N3583Y0	
			1D TO 2Y :		; NOT ESTABLISHED	
			3Y TO 15Y : 11-53		; #N3583Y15	
			16Y TO 150Y : 28-115		; #N3583Y150	
			MALE			

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NO AGE      : ; #N3583Y0
1D TO 2Y    : ; NOT ESTABLISHED
3Y TO 15Y   : 11-53 ; #N3583Y15
16Y TO 150Y : 28-115 ; #N3583Y150
  FEMALE
NO AGE      : ; #N3583Y0
1D TO 2Y    : ; NOT ESTABLISHED
3Y TO 15Y   : 11-53 ; #N3583Y15
16Y TO 150Y : 28-115 ; #N3583Y150

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TEST CODE ALWAYS MESSAGE - [Z3583]
Z3583 UMOL CYSTINE X 0.24 = MG CYSTINE

3589 LYSINE

EXPECT RESULTS OF FORM : SHOULD BE A 1, 2, 3, 4, OR 5 DIGIT WHOLE NUMBER

UNITS: UMOL/24 H

NO SEX

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NO AGE      : ; #N3589C0N
1D TO 2Y    : ; NOT ESTABLISHED
3Y TO 15Y   : 19-140 ; 19-140 (3-15 YEARS)
16Y TO 150Y : 32-290 ; 32-290 (> OR = 16 YEARS)

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MALE

```

NO AGE      : ; #N3589C0N
1D TO 2Y    : ; NOT ESTABLISHED
3Y TO 15Y   : 19-140 ; 19-140 (3-15 YEARS)
16Y TO 150Y : 32-290 ; 32-290 (> OR = 16 YEARS)

```

FEMALE

```

NO AGE      : ; #N3589C0N
1D TO 2Y    : ; NOT ESTABLISHED
3Y TO 15Y   : 19-140 ; 19-140 (3-15 YEARS)
16Y TO 150Y : 32-290 ; 32-290 (> OR = 16 YEARS)

```

3590 ORNITHINE

EXPECT RESULTS OF FORM : SHOULD BE A 1, 2, 3, 4, OR 5 DIGIT WHOLE NUMBER

UNITS: UMOL/24 H

NO SEX

```

NO AGE      : ; #N3590C0N
1D TO 2Y    : ; NOT ESTABLISHED
3Y TO 15Y   : 3-16 ; 3-16 (3-15 YEARS)
16Y TO 150Y : 5-70 ; 5-70 (> OR = 16 YEARS)

```

MALE

```

NO AGE      : ; #N3590C0N
1D TO 2Y    : ; NOT ESTABLISHED
3Y TO 15Y   : 3-16 ; 3-16 (3-15 YEARS)
16Y TO 150Y : 5-70 ; 5-70 (> OR = 16 YEARS)

```

ORDER	EFF	TC	TITLE	CHECKING NORMALS	PERFORM	PRINT NORMALS (# CODED)	SITE *
CODE	DATE						

3590 ORNITHINE (CONTINUED)
 FEMALE
 No AGE : ; #N3590CON
 1D TO 2Y : ; NOT ESTABLISHED
 3Y TO 15Y : 3-16 ; 3-16 (3-15 YEARS)
 16Y TO 150Y : 5-70 ; 5-70 (> OR = 16 YEARS)

3591 ARGININE

EXPECT RESULTS OF FORM : SHOULD BE A 1, 2, 3, 4, OR 5 DIGIT WHOLE NUMBER

UNITS: UMOL/24 H

NO SEX

No AGE : ; #N3591CON
 1D TO 2Y : ; NOT ESTABLISHED
 3Y TO 15Y : 10-25 ; 10-25 (3-15 YEARS)
 16Y TO 150Y : 13-64 ; 13-64 (> OR = 16 YEARS)

MALE

No AGE : ; #N3591CON
 1D TO 2Y : ; NOT ESTABLISHED
 3Y TO 15Y : 10-25 ; 10-25 (3-15 YEARS)
 16Y TO 150Y : 13-64 ; 13-64 (> OR = 16 YEARS)

FEMALE

No AGE : ; #N3591CON
 1D TO 2Y : ; NOT ESTABLISHED
 3Y TO 15Y : 10-25 ; 10-25 (3-15 YEARS)
 16Y TO 150Y : 13-64 ; 13-64 (> OR = 16 YEARS)

50446 AMENDMENT
 50447 REVIEWED BY
 50448 RELEASE DATE

*PERFORMING SITE LEGEND

MCR MAYO CLINIC DPT OF LAB MED & PATHOLOGY
 200 FIRST STREET SW
 ROCHESTER, MN 55905

LAB DIRECTOR: FRANKLIN R. COCKERILL, III, M.D.

MML MESSAGES USED AS NORMALS

CODE TEXT

 N3583Y0 NOT ESTABLISHED (<3 YEARS)
 11-53 (3-15 YEARS)
 28-115 (>=16 YEARS)

 N3583Y15 11-53 (3-15 YEARS)
 CONVERSION FORMULAS
 RESULT IN UMOL/24 HOURS X 0.24 =

RESULT IN MG/24 HOURS
RESULT IN MG/24 HOURS X 4.17 =
RESULT IN UMOL/24 HOURS

N3583Y150 28-115 (>=16 YEARS)
CONVERSION FORMULAS:
RESULT IN UMOL/24 HOURS X 0.24 =
RESULT IN MG/24 HOURS
RESULT IN MG/24 HOURS X 4.17 =
RESULT IN UMOL/24 HOURS

N3589C0N NOT ESTABLISHED (<3 YEARS)
19-140 (3-15 YEARS)
32-290 (> OR = 16 YEARS)

N3590C0N NOT ESTABLISHED (<3 YEARS)
3-16 (3-15 YEARS)
5-70 (> OR = 16 YEARS)

N3591C0N NOT ESTABLISHED (<3 YEARS)
10-25 (3-15 YEARS)
13-64 (> OR = 16 YEARS)

TOTAL OF 6 NORMALS CODES

*** END OF REPORT ***



LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TESTING, CYSQU		PATIENT NUMBER		AGE 9	SEX F	ACCESSION # G9126971
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 05/13/09 03:27 P	RECEIVED	REPORT PRINTED 05/15/09 12:12 P		SPECIMEN INFORMATION DATE OF BIRTH:		
DATE	TIME	DATE	TIME	DATE	TIME	
Test Client						
Attn: Mayo Liaisons						
200 First Street SW						
Rochester, MN 55905						
507-284-8202						

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
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Cystinuria Profile, QN, 24 hour

Specimen	Urine			MCR
Specimen ID	1038158			MCR
Order Date	13 May 2009 16:00			MCR
Method				MCR
iTRAQ liquid chromatography-tandem mass spectrometry				
Collection Duration	24	h		MCR
Urine Volume	1.300	L		MCR
Cystine	24	umol/24 h		MCR
-- EXPECTED VALUES --				
11-53 (3-15 years)				
Conversion Formulas				
Result in umol/24 hours x 0.24 =				
result in mg/24 hours				
Result in mg/24 hours x 4.17 =				
result in umol/24 hours				
umol Cystine x 0.24 = mg Cystine				
Lysine	25	umol/24 h	19-140 (3-15 years)	MCR
Ornithine	H 27	umol/24 h	3-16 (3-15 years)	MCR
Arginine	H 28	umol/24 h	10-25 (3-15 years)	MCR
Reviewed By	Dietrich Matern MD			MCR
Release Date	13 May 2009 16:09			MCR

* PERFORMING SITE

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First Street SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.
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PATIENT NAME TESTING, CYSQU	ORDER STATUS Final	COLLECTION DATE AND TIME 05/13/09 03:27 P
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