

TEST DEFINITION

11/22/2010

MML Name/Order Code cross-reference
 Code Name

 81939 Fatty Acid Profile, Mitochondrial,S

MML		MML Test setup information				Print normals (# coded)	Perform Site *
ORDER CODE	EFF DATE	TC	TITLE	Checking Normals			
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81939	10/21/2010		Fatty Acid Profile, Mitochondrial,S			MCR	
			Transport temp : Frozen\Refrig NO\Ambient NO				
		17007	Octanoic Acid, C8:0				
			Units: nmol/mL				
			NO SEX				
			No age :		; #N17007CON		
			1D to 31D :	7-63	; 7-63		
			32D to 11M :	7-63	; 7-63		
			12M to 17Y :	9-41	; 9-41		
			18Y to 150Y :	8-47	; 8-47		
			MALE				
			No age :		; #N17007CON		
			1D to 31D :	7-63	; 7-63		
			32D to 11M :	7-63	; 7-63		
			12M to 17Y :	9-41	; 9-41		
			18Y to 150Y :	8-47	; 8-47		
			FEMALE				
			No age :		; #N17007CON		
			1D to 31D :	7-63	; 7-63		
			32D to 11M :	7-63	; 7-63		
			12M to 17Y :	9-41	; 9-41		
			18Y to 150Y :	8-47	; 8-47		

		17008	Decenoic Acid, C10:1				
			Units: nmol/mL				
			NO SEX				
			No age :		; #N17008CON		

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
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81939	(continued)					
		17008	Decenoic Acid, C10:1 (continued)			
			1D to 31D	: 0.8-4.8	; 0.8-4.8	
			32D to 11M	: 0.8-4.8	; 0.8-4.8	
			12M to 17Y	: 1.6-6.6	; 1.6-6.6	
			18Y to 150Y	: 1.8-5.0	; 1.8-5.0	
			MALE			
			No age	:	; #N17008CON	
			1D to 31D	: 0.8-4.8	; 0.8-4.8	
			32D to 11M	: 0.8-4.8	; 0.8-4.8	
			12M to 17Y	: 1.6-6.6	; 1.6-6.6	
			18Y to 150Y	: 1.8-5.0	; 1.8-5.0	
			FEMALE			
			No age	:	; #N17008CON	
			1D to 31D	: 0.8-4.8	; 0.8-4.8	
			32D to 11M	: 0.8-4.8	; 0.8-4.8	
			12M to 17Y	: 1.6-6.6	; 1.6-6.6	
			18Y to 150Y	: 1.8-5.0	; 1.8-5.0	
			- - - - -			
		17009	Decanoic Acid, C10:0			
			Units: nmol/mL			
			NO SEX			
			No age	:	; #N17009CON	
			1D to 31D	: 2-62	; 2-62	
			32D to 11M	: 2-62	; 2-62	
			12M to 17Y	: 3-25	; 3-25	
			18Y to 150Y	: 2-18	; 2-18	
			MALE			
			No age	:	; #N17009CON	
			1D to 31D	: 2-62	; 2-62	
			32D to 11M	: 2-62	; 2-62	
			12M to 17Y	: 3-25	; 3-25	
			18Y to 150Y	: 2-18	; 2-18	
			FEMALE			
			No age	:	; #N17009CON	
			1D to 31D	: 2-62	; 2-62	
			32D to 11M	: 2-62	; 2-62	
			12M to 17Y	: 3-25	; 3-25	
			18Y to 150Y	: 2-18	; 2-18	
			- - - - -			
		17010	Lauroleic Acid, C12:1			
			Units: nmol/mL			
			NO SEX			
			No age	:	; #N17010CON	
			1D to 31D	: 0.6-4.8	; 0.6-4.8	
			32D to 11M	: 0.6-4.8	; 0.6-4.8	
			12M to 17Y	: 1.3-5.8	; 1.3-5.8	

18Y to 150Y : 1.4-6.6 ; 1.4-6.6
 MALE
 No age : ; #N17010CON
 1D to 31D : 0.6-4.8 ; 0.6-4.8

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
81939	(continued)					
		17010	Lauroleic Acid, C12:1 (continued)			
			32D to 11M	: 0.6-4.8	; 0.6-4.8	
			12M to 17Y	: 1.3-5.8	; 1.3-5.8	
			18Y to 150Y	: 1.4-6.6	; 1.4-6.6	
			FEMALE			
			No age	:	; #N17010CON	
			1D to 31D	: 0.6-4.8	; 0.6-4.8	
			32D to 11M	: 0.6-4.8	; 0.6-4.8	
			12M to 17Y	: 1.3-5.8	; 1.3-5.8	
			18Y to 150Y	: 1.4-6.6	; 1.4-6.6	
		17011	Lauric Acid, C12:0			
			Units: nmol/mL			
			NO SEX			
			No age	:	; #N17011CON	
			1D to 31D	: 6-190	; 6-190	
			32D to 11M	: 6-190	; 6-190	
			12M to 17Y	: 5-80	; 5-80	
			18Y to 150Y	: 6-90	; 6-90	
			MALE			
			No age	:	; #N17011CON	
			1D to 31D	: 6-190	; 6-190	
			32D to 11M	: 6-190	; 6-190	
			12M to 17Y	: 5-80	; 5-80	
			18Y to 150Y	: 6-90	; 6-90	
			FEMALE			
			No age	:	; #N17011CON	
			1D to 31D	: 6-190	; 6-190	
			32D to 11M	: 6-190	; 6-190	
			12M to 17Y	: 5-80	; 5-80	
			18Y to 150Y	: 6-90	; 6-90	
		17012	Tetradecadienoic Acid, C14:2			
			Units: nmol/mL			
			NO SEX			
			No age	:	; #N17012CON	
			1D to 31D	: 0.3-6.5	; 0.3-6.5	
			32D to 11M	: 0.3-6.5	; 0.3-6.5	
			12M to 17Y	: 0.2-5.8	; 0.2-5.8	
			18Y to 150Y	: 0.8-5.0	; 0.8-5.0	

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      MALE
No age      : ; #N17012CON
1D to 31D   : 0.3-6.5 ; 0.3-6.5
32D to 11M  : 0.3-6.5 ; 0.3-6.5
12M to 17Y  : 0.2-5.8 ; 0.2-5.8
18Y to 150Y : 0.8-5.0   ; 0.8-5.0
      FEMALE
No age      : ; #N17012CON
1D to 31D   : 0.3-6.5 ; 0.3-6.5
32D to 11M  : 0.3-6.5 ; 0.3-6.5

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MML		MML Test setup information				Perform
ORDER	EFF	TC	TITLE	Checking Normals	Print normals (# coded)	Site *
CODE	DATE					
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81939	(continued)					
		17012	Tetradecadienoic Acid, C14:2 (continued)			
			12M to 17Y	: 0.2-5.8	; 0.2-5.8	
			18Y to 150Y	: 0.8-5.0	; 0.8-5.0	
		17013	Myristoleic Acid, C14:1			
			Units: nmol/mL			
			NO SEX			
			No age	:	; #N17013CON	
			1D to 31D	: 1-46	; 1-46	
			32D to 11M	: 1-46	; 1-46	
			12M to 17Y	: 1-31	; 1-31	
			18Y to 150Y	: 3-64	; 3-64	
			MALE			
			No age	:	; #N17013CON	
			1D to 31D	: 1-46	; 1-46	
			32D to 11M	: 1-46	; 1-46	
			12M to 17Y	: 1-31	; 1-31	
			18Y to 150Y	: 3-64	; 3-64	
			FEMALE			
			No age	:	; #N17013CON	
			1D to 31D	: 1-46	; 1-46	
			32D to 11M	: 1-46	; 1-46	
			12M to 17Y	: 1-31	; 1-31	
			18Y to 150Y	: 3-64	; 3-64	
		17014	Myristic Acid, C14:0			
			Units: nmol/mL			
			NO SEX			
			No age	:	; #N17014CON	
			1D to 31D	: 30-320	; 30-320	
			32D to 11M	: 30-320	; 30-320	
			12M to 17Y	: 40-290	; 40-290	
			18Y to 150Y	: 30-450	; 30-450	
			MALE			

No age : ; #N17014CON
 1D to 31D : 30-320 ; 30-320
 32D to 11M : 30-320 ; 30-320
 12M to 17Y : 40-290 ; 40-290
 18Y to 150Y : 30-450 ; 30-450
 FEMALE
 No age : ; #N17014CON
 1D to 31D : 30-320 ; 30-320
 32D to 11M : 30-320 ; 30-320
 12M to 17Y : 40-290 ; 40-290
 18Y to 150Y : 30-450 ; 30-450

17015 Hexadecadienoic Acid, C16:2
 Units: nmol/mL
 NO SEX
 No age : ; #N17015CON

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
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81939 (continued)

17015			Hexadecadienoic Acid, C16:2 (continued)			
			1D to 31D	: 4-27	; 4-27	
			32D to 11M	: 4-27	; 4-27	
			12M to 17Y	: 3-29	; 3-29	
			18Y to 150Y	: 10-48	; 10-48	
			MALE			
			No age	:	; #N17015CON	
			1D to 31D	: 4-27	; 4-27	
			32D to 11M	: 4-27	; 4-27	
			12M to 17Y	: 3-29	; 3-29	
			18Y to 150Y	: 10-48	; 10-48	
			FEMALE			
			No age	:	; #N17015CON	
			1D to 31D	: 4-27	; 4-27	
			32D to 11M	: 4-27	; 4-27	
			12M to 17Y	: 3-29	; 3-29	
			18Y to 150Y	: 10-48	; 10-48	

17016 Palmitoleic Acid, C16:1w7
 Units: nmol/mL
 NO SEX
 No age : ; #N17016CON
 1D to 31D : 20-1020 ; 20-1020
 32D to 11M : 20-1020 ; 20-1020
 12M to 17Y : 100-670 ; 100-670
 18Y to 150Y : 110-1130 ; 110-1130
 MALE
 No age : ; #N17016CON

1D to 31D : 20-1020 ; 20-1020
 32D to 11M : 20-1020 ; 20-1020
 12M to 17Y : 100-670 ; 100-670
 18Y to 150Y : 110-1130 ; 110-1130
 FEMALE
 No age : ; #N17016CON
 1D to 31D : 20-1020 ; 20-1020
 32D to 11M : 20-1020 ; 20-1020
 12M to 17Y : 100-670 ; 100-670
 18Y to 150Y : 110-1130 ; 110-1130

17017 Palmitic Acid, C16:0
 Units: nmol/mL
 NO SEX
 No age : ; #N17017CON
 1D to 31D : 720-3120 ; 720-3120
 32D to 11M : 720-3120 ; 720-3120
 12M to 17Y : 960-3460 ; 960-3460
 18Y to 150Y : 1480-3730 ; 1480-3730
 MALE
 No age : ; #N17017CON
 1D to 31D : 720-3120 ; 720-3120

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
81939	(continued)					
		17017	Palmitic Acid, C16:0 (continued)			
			32D to 11M	: 720-3120	; 720-3120	
			12M to 17Y	: 960-3460	; 960-3460	
			18Y to 150Y	: 1480-3730	; 1480-3730	
			FEMALE			
			No age	:	; #N17017CON	
			1D to 31D	: 720-3120	; 720-3120	
			32D to 11M	: 720-3120	; 720-3120	
			12M to 17Y	: 960-3460	; 960-3460	
			18Y to 150Y	: 1480-3730	; 1480-3730	
			MALE			
			No age	:	; #N17018CON	
			1D to 31D	: 350-2660	; 350-2660	
			32D to 11M	: 1000-3300	; 1000-3300	
			12M to 17Y	: 1600-3500	; 1600-3500	
			18Y to 150Y	: 2270-3850	; 2270-3850	
			MALE			
			No age	:	; #N17018CON	
			1D to 31D	: 350-2660	; 350-2660	
		17018	Linoleic Acid, C18:2w6			
			Units: nmol/mL			
			NO SEX			
			No age	:	; #N17018CON	
			1D to 31D	: 350-2660	; 350-2660	
			32D to 11M	: 1000-3300	; 1000-3300	
			12M to 17Y	: 1600-3500	; 1600-3500	
			18Y to 150Y	: 2270-3850	; 2270-3850	
			MALE			
			No age	:	; #N17018CON	
			1D to 31D	: 350-2660	; 350-2660	

32D to 11M : 1000-3300 ; 1000-3300
 12M to 17Y : 1600-3500 ; 1600-3500
 18Y to 150Y : 2270-3850 ; 2270-3850
 FEMALE
 No age : ; #N17018CON
 1D to 31D : 350-2660 ; 350-2660
 32D to 11M : 1000-3300 ; 1000-3300
 12M to 17Y : 1600-3500 ; 1600-3500
 18Y to 150Y : 2270-3850 ; 2270-3850

17019 Oleic Acid, C18:1w9
 Units: nmol/mL
 NO SEX
 No age : ; #N17019CON
 1D to 31D : 250-3500 ; 250-3500
 32D to 11M : 250-3500 ; 250-3500
 12M to 17Y : 350-3500 ; 350-3500
 18Y to 150Y : 650-3500 ; 650-3500
 MALE
 No age : ; #N17019CON
 1D to 31D : 250-3500 ; 250-3500
 32D to 11M : 250-3500 ; 250-3500
 12M to 17Y : 350-3500 ; 350-3500
 18Y to 150Y : 650-3500 ; 650-3500
 FEMALE
 No age : ; #N17019CON
 1D to 31D : 250-3500 ; 250-3500
 32D to 11M : 250-3500 ; 250-3500

MML		MML Test setup information				Perform
ORDER	EFF	TC	TITLE	Checking Normals	Print normals (# coded)	Site *
CODE	DATE					
81939	(continued)					
17019			Oleic Acid, C18:1w9 (continued)			
			12M to 17Y : 350-3500		; 350-3500	
			18Y to 150Y : 650-3500		; 650-3500	
17020			Stearic Acid, C18:0			
			Units: nmol/mL			
			NO SEX			
			No age : ; #N17020CON			
			1D to 31D : 270-1140		; 270-1140	
			32D to 11M : 270-1140		; 270-1140	
			12M to 17Y : 280-1170		; 280-1170	
			18Y to 150Y : 590-1170		; 590-1170	
			MALE			
			No age : ; #N17020CON			
			1D to 31D : 270-1140		; 270-1140	
			32D to 11M : 270-1140		; 270-1140	

12M to 17Y	:	280-1170	:	280-1170
18Y to 150Y	:	590-1170	:	590-1170
FEMALE				
No age	:		:	#N17020CON
1D to 31D	:	270-1140	:	270-1140
32D to 11M	:	270-1140	:	270-1140
12M to 17Y	:	280-1170	:	280-1170
18Y to 150Y	:	590-1170	:	590-1170

17055 Interpretation

*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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MML Messages used as normals

CODE	TEXT
N17007CON	7-63 (<1 y) 9-41 (1-17 y) 8-47 (>=18 y)
N17008CON	0.8-4.8 (<1 y) 1.6-6.6 (1-17 y) 1.8-5.0 (>=18 y)
N17009CON	2-62 (<1 y) 3-25 (1-17 y) 2-18 (>=18 y)
N17010CON	0.6-4.8 (<1 y) 1.3-5.8 (1-17 y) 1.4-6.6 (>=18 y)
N17011CON	6-190 (<1 y) 5-80 (1-17 y) 6-90 (>=18 y)
N17012CON	0.3-6.5 (<1 y) 0.2-5.8 (1-17 y) 0.8-5.0 (>=18 y)
N17013CON	1-46 (<1 y) 1-31 (1-17 y) 3-64 (>=18 y)

N17014C0N 30-320 (<1 y)
40-290 (1-17 y)
30-450 (>=18 y)

N17015C0N 4-27 (<1 y)
3-29 (1-17 y)
10-48 (>=18 y)

N17016C0N 20-1020 (<1 y)
100-670 (1-17 y)
110-1130 (>=18 y)

N17017C0N 720-3120 (<1 y)
960-3460 (1-17 y)
1480-3730 (>=18 y)

N17018C0N 350-2660 (1-31 d)
1000-3300 (32 d-11 mo)
1600-3500 (1-17 y)
2270-3850 (>=18 y)

N17019C0N 250-3500 (<1 y)
350-3500 (1-17 y)
650-3500 (>=18 y)

N17020C0N 270-1140 (<1 y)
280-1170 (1-17 y)
590-1170 (>=18 y)

Total of 14 normals codes

*** End of Report ***