



TEST DEFINITION

10/15/2010

Code Name

89319 T Cell Phenotyping, Advanced

**** End of Name to order code Report ****

MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89319	10/3/2010		T Cell Phenotyping, Advanced			MCR
			Transport temp : Refrig <72 hours\Ambient NO\Frozen NO			
			29151 %CD4+CD45RA+ naive T cells			
			Units: % CD4			
			NO SEX			
			No age :		; #N29151	
			1D to 23M :		; Not established	
			24M to 18Y :	21-75	; 21-75	
			19Y to 84Y :	3-59	; 3-59	
			85Y to 150Y :		; Not established	
			MALE			
			No age :		; #N29151	
			1D to 23M :		; Not established	
			24M to 18Y :	21-75	; 21-75	
			19Y to 84Y :	3-59	; 3-59	
			85Y to 150Y :		; Not established	
			FEMALE			
			No age :		; #N29151	
			1D to 23M :		; Not established	
			24M to 18Y :	21-75	; 21-75	
			19Y to 84Y :	3-59	; 3-59	
			85Y to 150Y :		; Not established	

			29152 %CD4+CD62L+CD27+ naive T cells			
			Units: % CD4			
			NO SEX			
			No age :		; #N29152	

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ORDER CODE -----	EFF DATE -----	TC ----	TITLE -----	Checking Normals -----	Print normals (# coded) -----	Perform Site *
89319	(continued)					
		29152	%CD4+CD62L+CD27+ naive T cells (continued)			
			1D to 23M	:		; Not established
			24M to 18Y	:	15-71	; 15-71
			19Y to 84Y	:	2-58	; 2-58
			85Y to 150Y	:		; Not established
			MALE			
			No age	:		; #N29152
			1D to 23M	:		; Not established
			24M to 18Y	:	15-71	; 15-71
			19Y to 84Y	:	2-58	; 2-58
			85Y to 150Y	:		; Not established
			FEMALE			
			No age	:		; #N29152
			1D to 23M	:		; Not established
			24M to 18Y	:	15-71	; 15-71
			19Y to 84Y	:	2-58	; 2-58
			85Y to 150Y	:		; Not established
		29153	%CD8+CD45RA+ naive T cells			
			Units: % CD8			
			NO SEX			
			No age	:		; #N29153
			1D to 23M	:		; Not established
			24M to 18Y	:	23-88	; 23-88
			19Y to 84Y	:	6-84	; 6-84
			85Y to 150Y	:		; Not established
			MALE			
			No age	:		; #N29153
			1D to 23M	:		; Not established
			24M to 18Y	:	23-88	; 23-88
			19Y to 84Y	:	6-84	; 6-84
			85Y to 150Y	:		; Not established
			FEMALE			
			No age	:		; #N29153
			1D to 23M	:		; Not established
			24M to 18Y	:	23-88	; 23-88
			19Y to 84Y	:	6-84	; 6-84
			85Y to 150Y	:		; Not established
		29154	%CD8+CD62L+CD27+naive T cells			
			Units: % CD8			
			NO SEX			
			No age	:		; #N29154
			1D to 23M	:		; Not established
			24M to 18Y	:	8-81	; 8-81

19Y to 50Y : 2-78 ; 2-78
 51Y to 69Y : 2-49 ; 2-49
 70Y to 84Y : 2-29 ; 2-29
 85Y to 150Y : ; Not established

MALE

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MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
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89319	(continued)	29154	%CD8+CD62L+CD27+naive T cells	(continued)		
			No age	:		; #N29154
			1D to 23M	:		; Not established
			24M to 18Y	:	8-81	; 8-81
			19Y to 50Y	:	2-78	; 2-78
			51Y to 69Y	:	2-49	; 2-49
			70Y to 84Y	:	2-29	; 2-29
			85Y to 150Y	:		; Not established
			FEMALE			
			No age	:		; #N29154
			1D to 23M	:		; Not established
			24M to 18Y	:	8-81	; 8-81
			19Y to 50Y	:	2-78	; 2-78
			51Y to 69Y	:	2-49	; 2-49
			70Y to 84Y	:	2-29	; 2-29
			85Y to 150Y	:		; Not established
		29155	%CD4+CD45RO+ memory T cells			
			Units: % CD4			
			NO SEX			
			No age	:		; #N29155
			1D to 23M	:		; Not established
			24M to 18Y	:	11-44	; 11-44
			19Y to 84Y	:	15-69	; 15-69
			85Y to 150Y	:		; Not established
			MALE			
			No age	:		; #N29155
			1D to 23M	:		; Not established
			24M to 18Y	:	11-44	; 11-44
			19Y to 84Y	:	15-69	; 15-69
			85Y to 150Y	:		; Not established
			FEMALE			
			No age	:		; #N29155
			1D to 23M	:		; Not established
			24M to 18Y	:	11-44	; 11-44
			19Y to 84Y	:	15-69	; 15-69
			85Y to 150Y	:		; Not established

29156 %CD4+CD62L+CD27+CD45RO+ (Tcm)
 Units: % CD4
 NO SEX
 No age : ; #N29156
 1D to 23M : ; Not established
 24M to 18Y : 5-28 ; 5-28
 19Y to 84Y : 6-47 ; 6-47
 85Y to 150Y : ; Not established
 MALE
 No age : ; #N29156
 1D to 23M : ; Not established
 24M to 18Y : 5-28 ; 5-28

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MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89319	(continued)					
		29156	%CD4+CD62L+CD27+CD45RO+ (Tcm)	(continued)		
			19Y to 84Y	: 6-47	; 6-47	
			85Y to 150Y	:	; Not established	
			FEMALE			
			No age	:	; #N29156	
			1D to 23M	:	; Not established	
			24M to 18Y	: 5-28	; 5-28	
			19Y to 84Y	: 6-47	; 6-47	
			85Y to 150Y	:	; Not established	
		29157	%CD4+CD62L-CD27-CD45RO+ (Tem)			
			Units: % CD4			
			NO SEX			
			No age	:	; #N29157	
			1D to 23M	:	; Not established	
			24M to 18Y	: 0.3-4.0	; 0.3-4.0	
			19Y to 84Y	: 0.7-12.0	; 0.7-12.0	
			85Y to 150Y	:	; Not established	
			MALE			
			No age	:	; #N29157	
			1D to 23M	:	; Not established	
			24M to 18Y	: 0.3-4.0	; 0.3-4.0	
			19Y to 84Y	: 0.7-12.0	; 0.7-12.0	
			85Y to 150Y	:	; Not established	
			FEMALE			
			No age	:	; #N29157	
			1D to 23M	:	; Not established	
			24M to 18Y	: 0.3-4.0	; 0.3-4.0	
			19Y to 84Y	: 0.7-12.0	; 0.7-12.0	
			85Y to 150Y	:	; Not established	

29158 %CD8+CD45RO+ memory T cells
 Units: % CD8
 NO SEX
 No age : ; #N29158
 1D to 23M : ; Not established
 24M to 18Y : 2-26 ; 2-26
 19Y to 84Y : 4-49 ; 4-49
 85Y to 150Y : ; Not established
 MALE
 No age : ; #N29158
 1D to 23M : ; Not established
 24M to 18Y : 2-26 ; 2-26
 19Y to 84Y : 4-49 ; 4-49
 85Y to 150Y : ; Not established
 FEMALE
 No age : ; #N29158
 1D to 23M : ; Not established
 24M to 18Y : 2-26 ; 2-26
 19Y to 84Y : 4-49 ; 4-49

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ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89319	(continued)					
		29158	%CD8+CD45RO+ memory T cells (continued)			
			85Y to 150Y :		; Not established	
		29159	%CD8+CD62L+CD27+CD45RO+ (Tcm)			
			Units: % CD8			
			NO SEX			
			No age :		; #N29159	
			1D to 23M :		; Not established	
			24M to 18Y : 0-14		; 0-14	
			19Y to 84Y : 1-18		; 1-18	
			85Y to 150Y :		; Not established	
			MALE			
			No age :		; #N29159	
			1D to 23M :		; Not established	
			24M to 18Y : 0-14		; 0-14	
			19Y to 84Y : 1-18		; 1-18	
			85Y to 150Y :		; Not established	
			FEMALE			
			No age :		; #N29159	
			1D to 23M :		; Not established	
			24M to 18Y : 0-14		; 0-14	
			19Y to 84Y : 1-18		; 1-18	
			85Y to 150Y :		; Not established	

29160 %CD8+CD62L-CD27-CD45RO+ (Tem)
 Units: % CD8
 NO SEX
 No age : ; #N29160
 1D to 23M : ; Not established
 24M to 18Y : 0-3 ; 0-3
 19Y to 84Y : 0-6 ; 0-6
 85Y to 150Y : ; Not established
 MALE
 No age : ; #N29160
 1D to 23M : ; Not established
 24M to 18Y : 0-3 ; 0-3
 19Y to 84Y : 0-6 ; 0-6
 85Y to 150Y : ; Not established
 FEMALE
 No age : ; #N29160
 1D to 23M : ; Not established
 24M to 18Y : 0-3 ; 0-3
 19Y to 84Y : 0-6 ; 0-6
 85Y to 150Y : ; Not established

29161 %Activated CD4 T cells (4+CD25+)
 Units: % CD4
 NO SEX
 No age : ; #N29161
 1D to 23M : ; Not established

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MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89319	(continued)		29161	%Activated CD4 T cells (4+CD25+) (continued)		
				24M to 18Y : 5-28	; 5-28	
				19Y to 84Y : 4-26	; 4-26	
				85Y to 150Y :	; Not established	
				MALE		
				No age :	; #N29161	
				1D to 23M :	; Not established	
				24M to 18Y : 5-28	; 5-28	
				19Y to 84Y : 4-26	; 4-26	
				85Y to 150Y :	; Not established	
				FEMALE		
				No age :	; #N29161	
				1D to 23M :	; Not established	
				24M to 18Y : 5-28	; 5-28	
				19Y to 84Y : 4-26	; 4-26	
				85Y to 150Y :	; Not established	

29162 %CD4+HLA DR+CD28+ T cells
 Units: % CD4
 NO SEX
 No age : ; #N29162
 1D to 23M : ; Not established
 24M to 18Y : 2-16 ; 2-16
 19Y to 84Y : 2-13 ; 2-13
 85Y to 150Y : ; Not established
 MALE
 No age : ; #N29162
 1D to 23M : ; Not established
 24M to 18Y : 2-16 ; 2-16
 19Y to 84Y : 2-13 ; 2-13
 85Y to 150Y : ; Not established
 FEMALE
 No age : ; #N29162
 1D to 23M : ; Not established
 24M to 18Y : 2-16 ; 2-16
 19Y to 84Y : 2-13 ; 2-13
 85Y to 150Y : ; Not established

29163 %CD8+HLA DR+CD28+ T cells
 Units: %CD8
 NO SEX
 No age : ; #N29163
 1D to 23M : ; Not established
 24M to 18Y : 0.7-20.0 ; 0.7-20.0
 19Y to 84Y : 3.0-32.0 ; 3.0-32.0
 85Y to 150Y : ; Not established
 MALE
 No age : ; #N29163
 1D to 23M : ; Not established
 24M to 18Y : 0.7-20.0 ; 0.7-20.0

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ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
-----	-----	---	-----	-----	-----	-----
89319	(continued)		29163 %CD8+HLA DR+CD28+ T cells (continued)			
			19Y to 84Y	: 3.0-32.0	; 3.0-32.0	
			85Y to 150Y	:	; Not established	
			FEMALE			
			No age	:	; #N29163	
			1D to 23M	:	; Not established	
			24M to 18Y	: 0.7-20.0	; 0.7-20.0	
			19Y to 84Y	: 3.0-32.0	; 3.0-32.0	
			85Y to 150Y	:	; Not established	

29164 CD4+CD45RA+ naive T cells
Units: cells/mcL
NO SEX
No age : ; #N29164
1D to 23M : ; Not established
24M to 18Y : 135-893 ; 135-893
19Y to 84Y : 27-833 ; 27-833
85Y to 150Y : ; Not established
MALE
No age : ; #N29164
1D to 23M : ; Not established
24M to 18Y : 135-893 ; 135-893
19Y to 84Y : 27-833 ; 27-833
85Y to 150Y : ; Not established
FEMALE
No age : ; #N29164
1D to 23M : ; Not established
24M to 18Y : 135-893 ; 135-893
19Y to 84Y : 27-833 ; 27-833
85Y to 150Y : ; Not established

29165 CD4+CD62L+CD27+ naive T cells
Units: cells/mcL
NO SEX
No age : ; #N29165
1D to 23M : ; Not established
24M to 18Y : 54-830 ; 54-830
19Y to 84Y : 11-824 ; 11-824
85Y to 150Y : ; Not established
MALE
No age : ; #N29165
1D to 23M : ; Not established
24M to 18Y : 54-830 ; 54-830
19Y to 84Y : 11-824 ; 11-824
85Y to 150Y : ; Not established
FEMALE
No age : ; #N29165
1D to 23M : ; Not established
24M to 18Y : 54-830 ; 54-830
19Y to 84Y : 11-824 ; 11-824

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ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89319	(continued)	29165	CD4+CD62L+CD27+ naive T cells	(continued)		
			85Y to 150Y	:		; Not established

29166 CD8+CD45RA+ naive T cells
Units: cells/mcL
NO SEX
No age : ; #N29166
1D to 23M : ; Not established
24M to 18Y : 83-653 ; 83-653
19Y to 84Y : 19-508 ; 19-508
85Y to 150Y : ; Not established
MALE
No age : ; #N29166
1D to 23M : ; Not established
24M to 18Y : 83-653 ; 83-653
19Y to 84Y : 19-508 ; 19-508
85Y to 150Y : ; Not established
FEMALE
No age : ; #N29166
1D to 23M : ; Not established
24M to 18Y : 83-653 ; 83-653
19Y to 84Y : 19-508 ; 19-508
85Y to 150Y : ; Not established

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29167 CD8+CD62L+CD27+naive T cells
Units: cells/mcL
NO SEX
No age : ; #N29167
1D to 23M : ; Not established
24M to 18Y : 26-534 ; 26-534
19Y to 50Y : 5-475 ; 5-475
51Y to 84Y : 5-198 ; 5-198
85Y to 150Y : ; Not established
MALE
No age : ; #N29167
1D to 23M : ; Not established
24M to 18Y : 26-534 ; 26-534
19Y to 50Y : 5-475 ; 5-475
51Y to 84Y : 5-198 ; 5-198
85Y to 150Y : ; Not established
FEMALE
No age : ; #N29167
1D to 23M : ; Not established
24M to 18Y : 26-534 ; 26-534
19Y to 50Y : 5-475 ; 5-475
51Y to 84Y : 5-198 ; 5-198
85Y to 150Y : ; Not established

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29168 CD4+CD45RO+ memory T cells
Units: cells/mcL
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ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
-----	-----	-----	-----	-----	-----	-----
89319	(continued)					
		29168	CD4+CD45RO+ memory T cells (continued)			
			NO SEX			
			No age	:		; #N29168
			1D to 23M	:		; Not established
			24M to 18Y	:	56-411	; 56-411
			19Y to 84Y	:	167-670	; 167-670
			85Y to 150Y	:		; Not established
			MALE			
			No age	:		; #N29168
			1D to 23M	:		; Not established
			24M to 18Y	:	56-411	; 56-411
			19Y to 84Y	:	167-670	; 167-670
			85Y to 150Y	:		; Not established
			FEMALE			
			No age	:		; #N29168
			1D to 23M	:		; Not established
			24M to 18Y	:	56-411	; 56-411
			19Y to 84Y	:	167-670	; 167-670
			85Y to 150Y	:		; Not established
			- - - - -			
		29169	CD4+CD62L+CD27+CD45RO+ (Tcm)			
			Units: cells/mcL			
			NO SEX			
			No age	:		; #N29169
			1D to 23M	:		; Not established
			24M to 18Y	:	23-288	; 23-288
			19Y to 84Y	:	58-413	; 58-413
			85Y to 150Y	:		; Not established
			MALE			
			No age	:		; #N29169
			1D to 23M	:		; Not established
			24M to 18Y	:	23-288	; 23-288
			19Y to 84Y	:	58-413	; 58-413
			85Y to 150Y	:		; Not established
			FEMALE			
			No age	:		; #N29169
			1D to 23M	:		; Not established
			24M to 18Y	:	23-288	; 23-288
			19Y to 84Y	:	58-413	; 58-413
			85Y to 150Y	:		; Not established
			- - - - -			
		29170	CD4+CD62L-CD27-CD45RO+ (Tem)			
			Units: cells/mcL			
			NO SEX			
			No age	:		; #N29170
			1D to 23M	:		; Not established
			24M to 18Y	:	2-27	; 2-27

19Y to 84Y : 7-99 ; 7-99
 85Y to 150Y : ; Not established

MALE

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ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89319	(continued)					
		29170	CD4+CD62L-CD27-CD45RO+ (Tem)	(continued)		
			No age	:		; #N29170
			1D to 23M	:		; Not established
			24M to 18Y	: 2-27		; 2-27
			19Y to 84Y	: 7-99		; 7-99
			85Y to 150Y	:		; Not established
			FEMALE			
			No age	:		; #N29170
			1D to 23M	:		; Not established
			24M to 18Y	: 2-27		; 2-27
			19Y to 84Y	: 7-99		; 7-99
			85Y to 150Y	:		; Not established
		29171	CD8+CD45RO+ memory T cells			
			Units: cells/mcL			
			NO SEX			
			No age	:		; #N29171
			1D to 23M	:		; Not established
			24M to 18Y	: 10-142		; 10-142
			19Y to 84Y	: 15-275		; 15-275
			85Y to 150Y	:		; Not established
			MALE			
			No age	:		; #N29171
			1D to 23M	:		; Not established
			24M to 18Y	: 10-142		; 10-142
			19Y to 84Y	: 15-275		; 15-275
			85Y to 150Y	:		; Not established
			FEMALE			
			No age	:		; #N29171
			1D to 23M	:		; Not established
			24M to 18Y	: 10-142		; 10-142
			19Y to 84Y	: 15-275		; 15-275
			85Y to 150Y	:		; Not established
		29172	CD8+CD62L+CD27+CD45RO+ (Tcm)			
			Units: cells/mcL			
			NO SEX			
			No age	:		; #N29172
			1D to 23M	:		; Not established
			24M to 18Y	: 0-79		; 0-79

19Y to 84Y : 6-135 ; 6-135
 85Y to 150Y : ; Not established
 MALE
 No age : ; #N29172
 1D to 23M : ; Not established
 24M to 18Y : 0-79 ; 0-79
 19Y to 84Y : 6-135 ; 6-135
 85Y to 150Y : ; Not established
 FEMALE
 No age : ; #N29172

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MML
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MML Test setup information

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ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89319	(continued)	29172	CD8+CD62L+CD27+CD45RO+ (Tcm)	(continued)		
			1D to 23M	:		; Not established
			24M to 18Y	: 0-79		; 0-79
			19Y to 84Y	: 6-135		; 6-135
			85Y to 150Y	:		; Not established
		29173	CD8+CD62L-CD27- CD45RO+ (Tem)			
			Units: cells/mcL			
			NO SEX			
			No age	:		; #N29173
			1D to 23M	:		; Not established
			24M to 18Y	: 0-15		; 0-15
			19Y to 84Y	: 0-36		; 0-36
			85Y to 150Y	:		; Not established
			MALE			
			No age	:		; #N29173
			1D to 23M	:		; Not established
			24M to 18Y	: 0-15		; 0-15
			19Y to 84Y	: 0-36		; 0-36
			85Y to 150Y	:		; Not established
			FEMALE			
			No age	:		; #N29173
			1D to 23M	:		; Not established
			24M to 18Y	: 0-15		; 0-15
			19Y to 84Y	: 0-36		; 0-36
			85Y to 150Y	:		; Not established
		29174	Activated CD4 T cells (4+CD25+)			
			Units: cells/mcL			
			NO SEX			
			No age	:		; #N29174

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1D to 23M      : ; Not established
24M to 18Y    : 35-250 ; 35-250
19Y to 84Y    : 30-207 ; 30-207
85Y to 150Y   : ; Not established
  MALE
No age        : ; #N29174
1D to 23M    : ; Not established
24M to 18Y   : 35-250 ; 35-250
19Y to 84Y   : 30-207 ; 30-207
85Y to 150Y  : ; Not established
  FEMALE
No age        : ; #N29174
1D to 23M    : ; Not established
24M to 18Y   : 35-250 ; 35-250
19Y to 84Y   : 30-207 ; 30-207
85Y to 150Y  : ; Not established

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29175  CD4+HLA DR+CD28+ T cells
        Units: cells/mcL
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MML MML Test setup information

ORDER CODE	EFF DATE	TC	TITLE	Checking Normals	Print normals (# coded)	Perform Site *
89319	(continued)	29175	CD4+HLA DR+CD28+ T cells (continued)			
			NO SEX			
			No age	:	; #N29175	
			1D to 23M	:	; Not established	
			24M to 18Y	:	12-89	
			19Y to 84Y	:	17-122	
			85Y to 150Y	:	; Not established	
			MALE			
			No age	:	; #N29175	
			1D to 23M	:	; Not established	
			24M to 18Y	:	12-89	
			19Y to 84Y	:	17-122	
			85Y to 150Y	:	; Not established	
			FEMALE			
			No age	:	; #N29175	
			1D to 23M	:	; Not established	
			24M to 18Y	:	12-89	
			19Y to 84Y	:	17-122	
			85Y to 150Y	:	; Not established	
		29176	CD8+HLA DR+CD28+ T cells			
			Units: cells/mcL			
			NO SEX			
			No age	:	; #N29176	

1D to 23M	:		; Not established
24M to 18Y	:	3-114	; 3-114
19Y to 84Y	:	13-155	; 13-155
85Y to 150Y	:		; Not established
MALE			
No age	:		; #N29176
1D to 23M	:		; Not established
24M to 18Y	:	3-114	; 3-114
19Y to 84Y	:	13-155	; 13-155
85Y to 150Y	:		; Not established
FEMALE			
No age	:		; #N29176
1D to 23M	:		; Not established
24M to 18Y	:	3-114	; 3-114
19Y to 84Y	:	13-155	; 13-155
85Y to 150Y	:		; Not established

29178

Interpretation
TEST CODE ALWAYS MESSAGE - [ZASR]
ZASR Analyte Specific Reagent
This test was developed and its performance characteristics
determined by Laboratory Medicine and Pathology, Mayo
Clinic. This test has not been cleared or
approved by the U.S. Food and Drug Administration.

MML MML Test setup information

*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 ***

MML Messages used as normals

CODE	TEXT
-----	-----
N29151	Not established (1 d-23 mo) 21-75 (2-18 y)

3-59 (19-84 y)
Not established (>= 85 y)

N29152 Not established (1 d-23 mo)
 15-71 (2-18 y)
 2-58 (19-84 y)
 Not established (>=85 y)

N29153 Not established (1 d-23 mo)
 23-88 (2-18 y)
 6-84 (19-84 y)
 Not established (>=85 y)

N29154 Not established (1 d-23 mo)
 8-81 (2-18 y)
 2-78 (19-50 y)
 2-49 (51-69 y)
 2-29 (70-84 y)
 Not established (>=85 y)

N29155 Not established (1 d-23 mo)
 11-44 (2-18 y)
 15-69 (19-84 y)
 Not established (>=85 y)

N29156 Not established (1 d-23 mo)
 5-28 (2-18 y)
 6-47 (19-84 y)
 Not established (>=85 y)

N29157 Not established (1 d-23 mo)
 0.3-4.0 (2-18 y)
 0.7-12.0 (19-84 y)
 Not established (>=85 y)

MML

Messages used as normals

CODE TEXT

N29158 Not established (1 d-23 mo)
 2-26 (2-18 y)
 4-49 (19-84 y)
 Not established (>=85 y)

N29159 Not established (1 d-23 mo)
 0-14 (2-18 y)
 1-18 (19-84 y)
 Not established (>=85 y)

N29160 Not established (1 d-23 mo)
0-3 (2-18 y)
0-6 (19-84 y)
Not established (>=85 y)

N29161 Not established (1 d-23 mo)
5-28 (2-18 y)
4-26 (19-84 y)
Not established (>=85 y)

N29162 Not established (1 d-23 mo)
2-16 (2-18 y)
2-13 (19-84 y)
Not established (>=85 y)

N29163 Not established (1 d-23 mo)
0.7-20.0 (2-18 y)
3.0-32.0 (19-84 y)
Not established (>=85 y)

N29164 Not established (1 d-23 mo)
135-893 (2-18 y)
27-833 (19-84 y)
Not established (>=85 y)

N29165 Not established (1 d-23 mo)
54-830 (2-18 y)
11-824 (19-84 y)
Not established (>=85 y)

N29166 Not established (1 d-23 mo)
83-653 (2-18 y)
19-508 (19-84 y)
Not established (>=85 y)

N29167 Not established (1 d-23 mo)
26-534 (2-18 y)
5-475 (19-50 y)
5-198 (51-84 y)
Not established (>=85 y)

MML

Messages used as normals

CODE TEXT

N29168 Not established (1 d-23 mo)
56-411 (2-18 y)
167-670 (19-84 y)
Not established (>=85 y)

N29169 Not established (1 d-23 mo)
 23-288 (2-18 y)
 58-413 (19-84)
 Not established (>=85 y)

N29170 Not established (1 d-23 mo)
 2-27 (2-18 Y)
 7-99 (19-84 Y)
 Not established (>=85 y)

N29171 Not established (1 d-23 mo)
 10-142 (2-18 y)
 15-275 (19-84 y)
 Not established (>=85 y)

N29172 Not established (1 d-23 mo)
 0-79 (2-18 y)
 6-135 (19-84 y)
 Not established (>=85 y)

N29173 Not established (1 d-23 mo)
 0-15 (2-18 y)
 0-36 (19-84 y)
 Not established (>=85 y)

N29174 Not established (1 d-23 mo)
 35-250 (2-18 y)
 30-207 (19-84 y)
 Not established (>=85 y)

N29175 Not established (1 d-23 mo)
 12-89 (2-18 y)
 17-122 (19-84 y)
 Not established (>=85 y)

N29176 Not established (1 d-23 mo)
 3-114 (2-18 y)
 13-155 (19-84 y)
 Not established (>=85 y)

Total of 26 normals codes

*** End of Report ***