

## CD8 T-CELL RECENT THYMIC EMIGRANTS (RTE) #89505

**EXPLANATION:** The current file definition for tests #89505, CD8 T-Cell Recent Thymic Emigrants (RTE), and #89504, CD4 T-Cell Recent Thymic Emigrants (RTE), both contain an Interpretation field with test code #29178. This duplication causes a problem within the profile tests containing these two assays, as one Interpretation field result will override the other Interpretation field depending on which one is entered first. This must immediately be corrected with a file definition change to #89505. Effective today, the Interpretation field for #89505 will be test code #29911. Please see the attached file definition instructions for details. We regret any inconvenience this has caused.

**NOTE:** This change also affects profile tests #89506 and #89507:

### #89506, THYMOPOIESIS ASSESSMENT PROFILE PROFILE INFORMATION:

Unit Code	Reporting Name	Available Separately	Always Performed
87959	TREC, Immune Reconstitution	Yes	Yes
89504	CD4 RTE, Flow Cytometry	Yes	Yes
89505	CD8 RTE, Flow Cytometry	Yes	Yes

### #89507, THYMIC EMIGRANTS, RECENT, CD4 AND CD8 T-CELL EVALUATION PROFILE INFORMATION:

Unit Code	Reporting Name	Available Separately	Always Performed
89504	CD4 RTE, Flow Cytometry	Yes	Yes
89505	CD8 RTE, Flow Cytometry	Yes	Yes

**QUESTIONS:** Contact your Mayo Medical Laboratories' Regional Manager  
 Shirley Pokorski, Mayo Medical Laboratories' Technologist Support  
 Telephone: 800-533-1710

# TEST DEFINITION

5/5/2009

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
89505	5/5/2009		CD8 RTE, FLOW CYTOMETRY			MCR
			TRANSPORT TEMP : REFRIG\AMBIENT OK\FROZEN NO			
			89505 CD8 ABSOLUTE			
			EXPECT RESULTS OF FORM : SHOULD BE A 1,2,3,4,5 OR 6 DIGIT WHOLE NUMBER			
			UNITS: CELLS/UL			
			NO SEX			
			No AGE :		; #N89505	
			1D TO 29D :		; NOT ESTABLISHED	
			1M TO 17Y :	143-902	; 143-902	
			18Y TO 35Y :	208-974	; 208-974	
			36Y TO 55Y :	142-844	; 142-844	
			56Y TO 70Y :	58-680	; 58-680	
			71Y TO 150Y :		; NOT ESTABLISHED	
			MALE			
			No AGE :		; #N89505	
			1D TO 29D :		; NOT ESTABLISHED	
			1M TO 17Y :	143-902	; 143-902	
			18Y TO 35Y :	208-974	; 208-974	
			36Y TO 55Y :	142-844	; 142-844	
			56Y TO 70Y :	58-680	; 58-680	
			71Y TO 150Y :		; NOT ESTABLISHED	
			FEMALE			
			No AGE :		; #N89505	
			1D TO 29D :		; NOT ESTABLISHED	
			1M TO 17Y :	143-902	; 143-902	
			18Y TO 35Y :	208-974	; 208-974	
			36Y TO 55Y :	142-844	; 142-844	

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ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
89505			(CONTINUED)			
		89505	CD8 ABSOLUTE	(CONTINUED)		
			56Y TO 70Y :	58-680	; 58-680	
			71Y TO 150Y :		; NOT ESTABLISHED	

29538 CD8 RTE %

EXPECT RESULTS OF FORM : SHOULD BE 1 TO 3 DIGITS WITH ONE DECIMAL.

UNITS: % CD8 T CELLS

NO SEX

No AGE : ; #N29538  
1D TO 29D : ; NOT ESTABLISHED  
1M TO 17Y : 0.1-1.7 ; 0.1-1.7  
18Y TO 45Y : 0.0-0.6 ; 0.0-0.6  
46Y TO 70Y : 0.0-0.3 ; 0.0-0.3  
71Y TO 150Y : ; NOT ESTABLISHED

MALE

No AGE : ; #N29538  
1D TO 29D : ; NOT ESTABLISHED  
1M TO 17Y : 0.1-1.7 ; 0.1-1.7  
18Y TO 45Y : 0.0-0.6 ; 0.0-0.6  
46Y TO 70Y : 0.0-0.3 ; 0.0-0.3  
71Y TO 150Y : ; NOT ESTABLISHED

FEMALE

No AGE : ; #N29538  
1D TO 29D : ; NOT ESTABLISHED  
1M TO 17Y : 0.1-1.7 ; 0.1-1.7  
18Y TO 45Y : 0.0-0.6 ; 0.0-0.6  
46Y TO 70Y : 0.0-0.3 ; 0.0-0.3  
71Y TO 150Y : ; NOT ESTABLISHED

29537 CD8 RTE ABSOLUTE

EXPECT RESULTS OF FORM : SHOULD BE 1 TO 6 DIGITS WITH ONE DECIMAL PLACE.

UNITS: CELLS/UL

NO SEX

No AGE : ; #N29537  
1D TO 29D : ; NOT ESTABLISHED  
1M TO 17Y : 0.2-4.3 ; 0.2-4.3  
18Y TO 25Y : 0.0-3.4 ; 0.0-3.4  
26Y TO 50Y : 0.0-2.5 ; 0.0-2.5  
51Y TO 70Y : 0.0-0.7 ; 0.0-0.7  
71Y TO 150Y : ; NOT ESTABLISHED

MALE

No AGE : ; #N29537  
1D TO 29D : ; NOT ESTABLISHED  
1M TO 17Y : 0.2-4.3 ; 0.2-4.3  
18Y TO 25Y : 0.0-3.4 ; 0.0-3.4  
26Y TO 50Y : 0.0-2.5 ; 0.0-2.5  
51Y TO 70Y : 0.0-0.7 ; 0.0-0.7  
71Y TO 150Y : ; NOT ESTABLISHED

FEMALE

No AGE : ; #N29537

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ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
89505	(CONTINUED)					
		29537	CD8 RTE ABSOLUTE (CONTINUED)			
			1D TO 29D	:		; NOT ESTABLISHED
			1M TO 17Y	:	0.2-4.3	; 0.2-4.3
			18Y TO 25Y	:	0.0-3.4	; 0.0-3.4
			26Y TO 50Y	:	0.0-2.5	; 0.0-2.5
			51Y TO 70Y	:	0.0-0.7	; 0.0-0.7
			71Y TO 150Y	:		; NOT ESTABLISHED

29911 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.

\*PERFORMING SITE LEGEND

MCR MAYO CLINIC DPT OF LAB MED & PATHOLOGY LAB DIRECTOR: FRANKLIN R. COCKERILL, III, M.D.  
200 FIRST STREET SW  
ROCHESTER, MN 55905

CODE TEXT  
N29537 NOT ESTABLISHED (0-29 D)  
0.2-4.3 (30 D-17 Y)  
0.0-3.4 (18-25 Y)  
0.0-2.5 (29-50 Y)  
0.0-0.7 (51-70 Y)  
NOT ESTABLISHED (>=71 Y)

N29538 NOT ESTABLISHED (0-29 D)  
0.1-1.7 (30 D-17 Y)  
0.0-0.6 (18-45 Y)  
0.0-0.3 (46-70 Y)  
NOT ESTABLISHED (>=71 Y)

MML MESSAGES USED AS NORMALS

CODE TEXT  
N89505 NOT ESTABLISHED (0-29 D)

143-902 (30 D-17 Y)  
208-974 (18-35 Y)  
142-844 (36-55 Y)  
58-680 (56-70 Y)  
NOT ESTABLISHED ( $\geq 71$  Y)

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TOTAL OF 3 NORMALS CODES

\*\*\* END OF REPORT \*\*\*