

**TEST TITLE AND  
REPORTING CHANGE**

**NOTIFICATION DATE:** June 16, 2009

**EFFECTIVE DATE:** July 9, 2009

**Morphology Evaluation  
#9184**

**EXPLANATION:** Test 9184, Morphology Evaluation, will undergo a title change as well as a reporting format change effective July 9, 2009. This will require file definition changes.

**NOTE:** There will be no changes to specimen requirements, pricing or CPT coding for this testing.

**CURRENT PUBLISHED AND REPORTING NAME:** Morphology Evaluation

**NEW REPORTING NAME:** Morphology Eval (special smear)

**NEW PUBLISHED NAME:** Morphology Evaluation (special smear)



# TEST DEFINITION

6/16/2009

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CODE NAME  
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9184 MORPHOLOGY EVAL (SPECIAL SMEAR)

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
9184 (PROFILE)			MORPHOLOGY EVAL (SPECIAL SMEAR)			
18068	4/30/2009		MORPHOLOGY EVAL (SPECIAL SMEAR)			MCR
			TRANSPORT TEMP : AMBIENT\REFRIG OK\FROZEN NO			
		2011	NEUTROPHILIC SEGS AND BANDS			
			UNITS: %			
			NO SEX			
			ALL AGES :		; #N2011C0	
			MALE			
			NO AGE :		; #N2011M	
			1D TO 5Y :		; NOT ESTABLISHED	
			6Y TO 11Y : 29.0-66.0		; 29.0-66.0	
			12Y TO 15Y : 28.0-78.0		; 28.0-78.0	
			16Y TO 150Y : 42.0-75.0		; 42.0-75.0	
			FEMALE			
			NO AGE :		; #N2011F	
			1D TO 5Y :		; NOT ESTABLISHED	
			6Y TO 11Y : 28.0-68.0		; 28.0-68.0	
			12Y TO 15Y : 33.0-77.0		; 33.0-77.0	
			16Y TO 150Y : 42.0-75.0		; 42.0-75.0	
		2013	Lymphocytes			
			UNITS: %			
			NO SEX			
			ALL AGES :		; #N2013C0	
			MALE			
			NO AGE :		; #N2013M	
			1D TO 5Y :		; NOT ESTABLISHED	
			6Y TO 11Y : 23.0-64.0		; 23.0-64.0	
			12Y TO 15Y : 18.0-54.0		; 18.0-54.0	
			16Y TO 150Y : 16.0-52.0		; 16.0-52.0	

	FEMALE		
	No AGE	:	; #N2013F
	1D TO 5Y	:	; NOT ESTABLISHED
	6Y TO 11Y	:	; 25.0-64.0
	12Y TO 15Y	:	; 20.0-58.0
	16Y TO 150Y	:	; 16.0-52.0
- - - - -			
2014	MONOCYTES		
	UNITS: %		
	NO SEX		
	ALL AGES :		; #N2014C0
	MALE		
	No AGE	:	; #N2014M
	1D TO 5Y	:	; 3.0-10.0
	6Y TO 11Y	:	; 1.0-13.0
	12Y TO 15Y	:	; 1.0-12.0
	16Y TO 150Y	:	; 1.0-11.0
	FEMALE		
	No AGE	:	; #N2014F
	1D TO 5Y	:	; 3.0-10.0
	6Y TO 11Y	:	; 1.0-10.0
	12Y TO 15Y	:	; 1.0-11.0
	16Y TO 150Y	:	; 1.0-11.0
- - - - -			
2015	EOSINOPHILS		
	UNITS: %		
	NO SEX		
	ALL AGES :		; #N2015C0
	MALE		
	No AGE	:	; #N2015M
	1D TO 5Y	:	; 0.0-8.0
	6Y TO 11Y	:	; 0.0-11.0
	12Y TO 15Y	:	; 0.0-9.0
	16Y TO 150Y	:	; 0.0-7.0
	FEMALE		
	No AGE	:	; #N2015F
	1D TO 5Y	:	; 0.0-8.0
	6Y TO 11Y	:	; 0.0-11.0
	12Y TO 15Y	:	; 0.0-8.0
	16Y TO 150Y	:	; 0.0-7.0
- - - - -			
2016	BASOPHILS		
	UNITS: %		
	NO SEX		
	ALL AGES :		; #N2016C0
	MALE		
	No AGE	:	; #N2016M
	1D TO 11Y	:	; 0.0-3.0
	12Y TO 15Y	:	; 0.0-2.0
	16Y TO 150Y	:	; 0.0-4.0

	FEMALE		
	No AGE	:	; #N2016F
	1D TO 15Y	: 0.0-3.0	; 0.0-3.0
	16Y TO 150Y	: 0.0-4.0	; 0.0-4.0
-	-	-	-
2017	METAMYELOCYTES		
	UNITS: %		
	NO SEX		
	ALL AGES :		; #N2017C0
	MALE		
	No AGE	:	; #N2017M
	1D TO 5Y	:	; NOT ESTABLISHED
	6Y TO 15Y	: 0.0-0.0	; 0.0-0.0
	16Y TO 150Y	: 0.0-0.9	; <1.0
	FEMALE		
	No AGE	:	; #N2017F
	1D TO 5Y	:	; NOT ESTABLISHED
	6Y TO 15Y	: 0.0-0.0	; 0.0-0.0
	16Y TO 150Y	: 0.0-0.9	; <1.0
-	-	-	-
2018	MYELOCYTES		
	UNITS: %		
	NO SEX		
	ALL AGES :		; #N2018C0
	MALE		
	No AGE	:	; #N2018M
	1D TO 5Y	:	; NOT ESTABLISHED
	6Y TO 15Y	: 0.0-0.0	; 0.0-0.0
	16Y TO 150Y	: 0.0-0.4	; <0.5
	FEMALE		
	No AGE	:	; #N2018F
	1D TO 5Y	:	; NOT ESTABLISHED
	6Y TO 15Y	: 0.0-0.0	; 0.0-0.0
	16Y TO 150Y	: 0.0-0.4	; <0.5
-	-	-	-
2019	PROMYELOCYTES		
	UNITS: %		
-	-	-	-
2020	UNDIFFERENTIATED BLASTS		
	UNITS: %		
-	-	-	-
2029	PLASMA CELLS		
	UNITS: %		
-	-	-	-
2288	MEGAKARYOCYTES		
	UNITS: %		
-	-	-	-
2025	NUCLEATED RBC		
	UNITS: /100 WBC		
-	-	-	-

2030     FRAGILE CELLS  
 - - - - -  
 28365    BLASTS AND PROMONOCYTES  
           UNITS: %  
 - - - - -  
 28366    MONOCYTES AND PROMONOCYTES  
           UNITS: %  
 - - - - -  
 28347    MANUAL ABSOLUTE NEUTROPHIL COUNT  
           UNITS: x10(9)/L  
           NO SEX  
           ALL AGES :  
           MALE  
           ALL AGES :  
           FEMALE  
           ALL AGES :  
 TEST CODE ALWAYS MESSAGE - [Z28347]  
 Z28347    THE MANUAL ABSOLUTE NEUTROPHIL COUNT IS DERIVED FROM A  
           MANUAL DIFFERENTIAL COUNT AND THEREFORE IS NOT EXACTLY  
           COMPARABLE TO THE AUTOMATED ABSOLUTE NEUTROPHIL COUNT.

- - - - -  
 29896    INTERPRETATION  
 - - - - -

29897    REVIEWED BY  
 - - - - -

5032

MCR

TRANSPORT TEMP : AMBIENT\REFRIG OR FROZEN NO  
 THIS ORDER UNIT HAS NO REPORTABLE MEMBERS

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 \*PERFORMING SITE LEGEND

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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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## LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TESTING, DERLEN IS		PATIENT NUMBER		AGE 54	SEX F	ACCESSION # G9128682
ORDERING PHYSICIAN DR OLDENBURG		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 06/04/09 04:07 P	RECEIVED	REPORT PRINTED 06/16/09 12:55 P		SPECIMEN INFORMATION DATE OF BIRTH:  TESTING DERLEN		
DATE      TIME	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 *
<b>Morphology Eval (Special Smear)</b>			
Neutrophilic Segs and Bands	63	%	42.0-75.0 MCR
Lymphocytes	19	%	16.0-52.0 MCR
Monocytes	10	%	1.0-11.0 MCR
Eosinophils	7	%	0.0-7.0 MCR
Basophils	1	%	0.0-4.0 MCR
Manual Absolute Neutrophil Count	5.29	x10(9)/L	MCR
The manual absolute neutrophil count is derived from a manual differential count and therefore is not exactly comparable to the automated absolute neutrophil count.			
Reviewed by	Technologist		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, DERLEN IS	ORDER STATUS Final	COLLECTION DATE AND TIME 06/04/09 04:07 P
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Specimen receipt and report times are in CST/CDT

REPRINT

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