

**CELIAC DISEASE ANTIBODY, EXPANDED PANEL**  
**#91483**

**EXPLANATION OF CHANGE:** Effective July 27, 2009, Unit Code 91483, Celiac Disease Antibody, Expanded Panel, referred to Focus Diagnostics, Inc., will be updated to reflect reporting title changes.

<b>UNIT CODES</b>	<b>CURRENT REPORTING TITLES</b>	<b>NEW REPORTING TITLES</b>
91484	Reticulin IgA Screen w/Reflex to Titer	No Change
91930	Reticulin IgA Titer	No Change
91485	Endomysial IgA Antibody, IFA	No Change
91486	Gliadin Peptide IgG/IgA, ELISA	Gliadin (Deamidated Peptide) Antibodies (IgG, IgA)
91487	Reticulin IgG Screen w/Reflex to Titer	No Change
91931	Reticulin IgG Titer	No Change
91488	Transglutaminase IgA Ab, ELISA	No Change

**NOTE:** The specimen requirement and performance characteristics of this assay will not change.

QUESTIONS: Contact Mayo Medical Laboratories  
Telephone: 800-533-1710



# TEST DEFINITION

6/30/2009

MML NAME/ORDER CODE CROSS-REFERENCE  
 CODE NAME

91483 CELIAC DISEASE ANTIBODY, EXPANDED PANEL

MML MML TEST SETUP INFORMATION

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PERFORM PRINT NORMALS (# CODED)	SITE *
91483 (PROFILE)			CELIAC DISEASE ANTIBODY, EXPANDED PANEL			
91484	4/27/2009		RETICULIN IGA SCREEN W/REFLEX TITER			
			UNIT CODE ALWAYS MESSAGE - [ZFOCUSD]			
			TEST PERFORMED BY: FOCUS DIAGNOSTICS, INC.			
			5785 CORPORATE AVENUE			
			CYPRESS, CA 90630-4750			
			MEDICAL DIRECTOR, ALFRED LUI, MD			
			TRANSPORT TEMP : REFRIG\AMBIENT OK\FROZEN OK			
91484			RETICULIN IGA SCREEN			
			- - - - -			
91485	10/11/2005		ENDOMYSIAL IGA ANTIBODY, IFA			
			UNIT CODE ALWAYS MESSAGE - [ZFOCUSD]			
			TEST PERFORMED BY: FOCUS DIAGNOSTICS, INC.			
			5785 CORPORATE AVENUE			
			CYPRESS, CA 90630-4750			
			MEDICAL DIRECTOR, ALFRED LUI, MD			
			TRANSPORT TEMP : REFRIG\AMBIENT OK\FROZEN OK			
91485			ENDOMYSIAL IGA ANTIBODY, IFA			
			- - - - -			
91486	6/26/2009		GLIADIN (DEAMIDATED PEPTIDE) IGG/A			
			UNIT CODE ALWAYS MESSAGE - [ZFOCUSD]			
			TEST PERFORMED BY: FOCUS DIAGNOSTICS, INC.			
			5785 CORPORATE AVENUE			
			CYPRESS, CA 90630-4750			
			MEDICAL DIRECTOR, ALFRED LUI, MD			
			TRANSPORT TEMP : REFRIG\AMBIENT OK\FROZEN OK			
91486			GLIADIN (DEAMIDATED PEPTIDE) IGG			
			- - - - -			

MML TEST SETUP INFORMATION

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PERFORM PRINT NORMALS (# CODED)	SITE *
91483	(CONTINUED)					
		24391	GLIADIN (DEAMIDATED PEPTIDE) IGA			
91487	4/27/2009		RETICULIN IGG SCREEN W/REFLEX TITER UNIT CODE ALWAYS MESSAGE - [ZFOCUSD] TEST PERFORMED BY: FOCUS DIAGNOSTICS, INC. 5785 CORPORATE AVENUE CYPRESS, CA 90630-4750 MEDICAL DIRECTOR, ALFRED LUI, MD TRANSPORT TEMP : REFRIG\AMBIENT OK\FROZEN OK			
91488	10/11/2005		TRANSGLUTAMINASE IGA AB, ELISA UNIT CODE ALWAYS MESSAGE - [ZFOCUSD] TEST PERFORMED BY: FOCUS DIAGNOSTICS, INC. 5785 CORPORATE AVENUE CYPRESS, CA 90630-4750 MEDICAL DIRECTOR, ALFRED LUI, MD TRANSPORT TEMP : REFRIG\AMBIENT OK\FROZEN OK			

MESSAGES USED AS NORMALS

MML CODE	TEXT
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TOTAL OF 0 NORMALS CODES

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



MAYO CLINIC  
Mayo Medical Laboratories

# TEST DEFINITION

4/30/2009

MML NAME/ORDER CODE CROSS-REFERENCE

CODE NAME

91930 RETICULIN IGA TITER

MML MML TEST SETUP INFORMATION

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PERFORM PRINT NORMALS (# CODED)	SITE *
91930	4/27/2009		RETICULIN IGA TITER			
UNIT CODE ALWAYS MESSAGE - [ZFOCUSD]						
TEST PERFORMED BY: FOCUS DIAGNOSTICS, INC.						
5785 CORPORATE AVENUE						
CYPRESS, CA 90630-4750						
MEDICAL DIRECTOR, ALFRED LUI, MD						
TRANSPORT TEMP : REFRIG\AMBIENT OK\FROZEN OK						
91930			RETICULIN IGA TITER			

\*PERFORMING SITE LEGEND

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MML MESSAGES USED AS NORMALS

CODE TEXT

TOTAL OF 0 NORMALS CODES

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



# TEST DEFINITION

4/30/2009

MML NAME/ORDER CODE CROSS-REFERENCE

CODE NAME

91931 RETICULIN IGG TITER

MML TEST SETUP INFORMATION

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PERFORM PRINT NORMALS (# CODED)	SITE *
91931	4/27/2009		RETICULIN IGG TITER			
UNIT CODE ALWAYS MESSAGE - [ZFOCUSD]						
TEST PERFORMED BY: FOCUS DIAGNOSTICS, INC.						
5785 CORPORATE AVENUE						
CYPRESS, CA 90630-4750						
MEDICAL DIRECTOR, ALFRED LUI, MD						
TRANSPORT TEMP : REFRIG\AMBIENT OK\FROZEN OK						
91931			RETICULIN IGG TITER			

\*PERFORMING SITE LEGEND

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MML MESSAGES USED AS NORMALS

CODE TEXT

TOTAL OF 0 NORMALS CODES

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



LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TESTING, 91483		PATIENT NUMBER		AGE 49	SEX F	ACCESSION # G9130406
ORDERING PHYSICIAN		CLIENT ORDER #			ACCOUNT # LIAISONS	
COLLECTION 06/29/09 10:18 A	RECEIVED	REPORT PRINTED 06/30/09 07:20 A		SPECIMEN INFORMATION DATE OF BIRTH: 6/21/1960		
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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**Reticulin IgA Screen w/Reflex Titer**

Reticulin IgA Screen	NEGATIVE		REF
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**Endomysial IgA Antibody, IFA**

Endomysial IgA Antibody, IFA	<1:5		REF
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REFERENCE RANGE: &lt;1:5

INTERPRETIVE CRITERIA:

&lt;1:5 Antibody not detected

&gt; or = 1:5 Antibody detected

IgA endomysial antibody is present in approximately 70% of dermatitis herpetiformis (DH) patients and nearly 100% of celiac disease patients not on gluten-free diets. Decreasing antibody titers reflect adherence to a gluten-free diet in DH and celiac disease patients.

**Gliadin (Deamidated Peptide) IgG/A**

Gliadin (Deamidated Peptide) IgG	2		REF
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Gliadin (Deamidated Peptide) IgA	2		REF
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REFERENCE RANGE: &lt;20 units

INTERPRETIVE CRITERIA:

&lt;20 units Antibody not detected

&gt; or =20 units Antibody detected

Gliadin-reactive antibodies from patients with celiac disease recognize a limited number of specific gliadin epitopes, and show enhanced binding to gliadin that has been deamidated by the enzymatic action of transglutaminase. Assays measuring antibodies to deamidated gliadin

\* Perform Site Legend on last page of report

PATIENT NAME TESTING, 91483	ORDER STATUS Final	COLLECTION DATE AND TIME 06/29/09 10:18 A
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Specimen receipt and report times are in CST/CDT

REPRINT

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06/30/2009 7:22AM



## LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TESTING, 91483		PATIENT NUMBER		AGE 49	SEX F	ACCESSION # G9130406
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
COLLECTION 06/29/09 10:18 A	RECEIVED	REPORT PRINTED 06/30/09 07:20 A		SPECIMEN INFORMATION DATE OF BIRTH: 6/21/1960		
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 *
<p>peptides expressing celiac-specific epitopes are thus more accurate than conventional gliadin antibody assays for diagnosing celiac disease. Gliadin peptide IgA levels decrease in conjunction with adherence to a gluten-free diet.</p>			

## Reticulin IgG Screen w/Reflex Titer

Reticulin IgG Screen	NEGATIVE	REF
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## Transglutaminase IgA Ab, ELISA

Transglutaminase IgA Ab, ELISA	52 H	REF
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REFERENCE RANGE: &lt;20 units

INTERPRETIVE CRITERIA:

&lt;20 units Antibody not detected

&gt; or = 20 units Antibody detected

Detection of transglutaminase IgA is a sensitive (>90%) and specific (>95%) marker for celiac disease and dermatitis herpetiformis, the two major forms of gluten sensitive enteropathy. Transglutaminase has been identified as the autoantigen recognized by endomysial antibodies. Transglutaminase IgA antibodies gradually disappear from the circulation with adherence to a gluten-free diet.

\* PERFORMING SITE

PATIENT NAME TESTING, 91483	ORDER STATUS Final	COLLECTION DATE AND TIME 06/29/09 10:18 A
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Specimen receipt and report times are in CST/CDT

REPRINT

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