

Luminex Class I/Class II Single Antigen Bead, #88640

EXPLANATION: On August 8, 2009, a new reporting format will facilitate reporting of HLA Class I/Class II antibody specificities as well as their associated normalized values by measuring the mean fluorescence intensity (MFI). The new report will list antibodies detected, followed by their normalized value in descending order of strength. In order to simplify the reporting format, test code #88640 will no longer be available and will be replaced by two separate codes. HLA Single Antigen Bead Class I and Class II antibody testing will need to be ordered under the new codes #89667 and #89668, respectively.

CURRENT TEST CODE: #88640, Luminex Class I/Class II Single Antigen Bead

NEW TEST CODES: #89667, Luminex Class I Single Antigen Bead
&
#89668, Luminex Class II Single Antigen Bead

NOTE: The following information applies to each of the two new test codes (#89667 & #89668):

REFERENCE VALUES: Negative

SPECIMEN REQUIREMENTS: Draw blood in a plain, 10 mL red-top tube.
Spin down and send at least 1 mL of serum refrigerated.

CAUTION: Do not send specimen frozen as it may affect IgG antibodies.

LIST FEE: \$290.00

CPT CODE: 86021

ANALYTIC TIME: 7 days

DAY(S) SET-UP: Monday through Sunday; Varies

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Richard R. Einerson, Mayo Medical Laboratories' Technical Support
Telephone: 800-533-1710



TEST DEFINITION

7/14/2009

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
89667	4/24/2009		CLASS I SINGLE AG BEAD			MCR
		30930	DILUTION CLASS I SAB			
		29880	RESULT CLASS I SAB			
		30929	%PRA CLASS I SAB			
		30931	A SPECIFICITY			
		30932	B SPECIFICITY			
		30933	C SPECIFICITY			

*PERFORMING SITE LEGEND

MCR MAYO CLINIC DPT OF LAB MED & PATHOLOGY
200 FIRST STREET SW
ROCHESTER, MN 55905

LAB DIRECTOR: FRANKLIN R. COCKERILL, III, M.D.

*** END OF REPORT ***

MML MESSAGES USED AS NORMALS

CODE TEXT

TOTAL OF 0 NORMALS CODES

*** END OF REPORT ***



TEST DEFINITION

7/14/2009

ORDER CODE	EFF DATE	TC	TITLE	CHECKING NORMALS	PRINT NORMALS (# CODED)	PERFORM SITE *
89668	5/22/2009		CLASS II SINGLE AG BEAD			MCR
		30935	DILUTION CLASS II SAB			
		29881	RESULT CLASS II SAB			
		30934	%PRA CLASS II SAB			
		30936	DRB1 SPECIFICITY			
		30937	DRB3/4/5 SPECIFICITY			
		30938	DQA1 SPECIFICITY			
		30939	DQB1 SPECIFICITY			

*PERFORMING SITE LEGEND

MCR MAYO CLINIC DPT OF LAB MED & PATHOLOGY
200 FIRST STREET SW
ROCHESTER, MN 55905

LAB DIRECTOR: FRANKLIN R. COCKERILL, III, M.D.

*** END OF REPORT ***

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, NANCY		PATIENT NUMBER		AGE 55	SEX F	ACCESSION # G9130140
ORDERING PHYSICIAN		CLIENT ORDER #			ACCOUNT # LIAISONS	
COLLECTION 06/24/09 01:51 P	RECEIVED 06/24/09 01:51 P	REPORT PRINTED 07/14/09 04:13 P		SPECIMEN INFORMATION DATE OF BIRTH:		
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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Class I Single Ag Bead

Dilution Class I SAB	1:2	MCR
Result Class I SAB	Positive	MCR
%PRA Class I SAB	45	MCR

This PRA is the percent of beads that are positive. This PRA does not reflect the antigen frequency in the population.

A Specificity

34[3794], 30[3158], 11[3139], 66[2585], 31[2283], 66[2160], 69[2121], 68[1575], 68[1269], 74[1261], 33[868], 33[547], 32[369], 24[327]

Format: Serologic Equivalent[Normalized Value] shown in decreasing order. Note: A serologic equivalent displayed multiple times could indicate different alleles.

B Specificity

7[1020]73[9846], 27[5370], 27[5139], 46[4238], 67[2479], 81[1541], 42[1059], 54[634], 82[566], 8[563], 56[465], 35[382], 76[375], 75[367], 45[343], 7[343]

Format: Serologic Equivalent[Normalized Value] shown in decreasing order. Note: A serologic equivalent displayed multiple times could indicate different alleles.

C Specificity

7[9435], 10[6355], 10[5009], 16[4529], 9[4217], 8[4154], 12[3122], 1[2878], 14[2692], 17[1346]

Format: Serologic Equivalent[Normalized Value] shown in decreasing order. Note: A serologic equivalent displayed multiple times could indicate different alleles.

Class II Single Ag Bead

Dilution Class II SAB	1:2	MCR
Result Class II SAB	Positive	MCR
%PRA Class II SAB	5	MCR

This PRA is the percent of beads that are positive. This PRA does not

* Perform Site Legend on last page of report

PATIENT NAME TESTING, NANCY	ORDER STATUS Final	COLLECTION DATE AND TIME 06/24/09 01:51 P
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Specimen receipt and report times are in CST/CDT

REPRINT

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LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME TESTING, NANCY		PATIENT NUMBER		AGE 55	SEX F	ACCESSION # G9130140
ORDERING PHYSICIAN		CLIENT ORDER #				ACCOUNT # LIAISONS
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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 *
reflect the antigen frequency in the population.			
DRB1 Specificity 103[500] Format: Serologic Equivalent[Normalized Value] shown in decreasing order. Note: A serologic equivalent displayed multiple times could indicate different alleles.			MCR
DRB3/4/5 Specificity 52[512] Format: Serologic Equivalent[Normalized Value] shown in decreasing order. Note: A serologic equivalent displayed multiple times could indicate different alleles.			MCR
DQA1 Specificity DNR			MCR
DQB1 Specificity 7[753] Format: Serologic Equivalent[Normalized Value] shown in decreasing order. Note: A serologic equivalent displayed multiple times could indicate different alleles.			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, NANCY	ORDER STATUS Final	COLLECTION DATE AND TIME 06/24/09 01:51 P
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