

# Records

## Recipient Histocompatibility Worksheet

FORM APPROVED: O.M.B. NO. 0915-0157 Expiration Date: 12/31/2011

Note: These worksheets are provided to function as a guide to what data will be required in the online TIEDI® application. Currently in the worksheet, a red asterisk is displayed by fields that are required, independent of what other data may be provided. Based on data provided through the online TIEDI® application, additional fields that are dependent on responses provided in these required fields may become required as well. However, since those fields are not required in every case, they are not marked with a red asterisk.

Lab:

TX Center:

Name:

DOB:

Transplant Date:

SSN:

Gender:

HIC:

Organ(s):

UNOS Donor ID#:

Donor Type:

HLA Typing Done: \*

YES  NO

If yes, complete Section I.

HLA Antibody Screening Done: \*

YES  NO

If yes, complete Section II.

Crossmatch Done: \*

YES  NO

If yes, complete Section III.

If yes, was the crossmatch prospective to transplant:

YES  NO  UNK

Donor Retyped at Your Center: \*

YES  NO

If yes, complete Section IV.

Date Typing Completed Class I:

Typing Method Class I:

Serology  DNA

A

A

B

B

Bw4

Bw6

Cw

Cw

Date Typing Completed Class II:

Typing Method Class II:

Serology  DNA

DR

DR

DR51

DR52

DR53

DQ

DQ

DPB

DPB

**A. Most Recent**

Serum Date - Most Recent Class I:

ST=

Target- Most Recent Class I:

- Cells
- Purified HLA antigens, pooled
- Purified HLA antigens from individual phenotypes
- Purified single HLA antigens

Technique - Most Recent Class I:

- Cytotoxicity testing - extended incubation
- Cytotoxicity testing - wash
- Cytotoxicity testing - wash and extended incubation
- Cytotoxicity testing - AHG
- Flow cytometry with cell targets
- Flow cytometry with bead targets
- ELISA
- Other, specify

Specify:

Technique Measures - Most Recent Class I:

- IgG
- IgM
- Both IgG and IgM

PRA (%) - Most Recent Class I:

ST=

Anti-HLA Interpretation - Most Recent Class I:

- Class I antibody present
- No Class I antibody present
- Unknown

Was serum screened for anti-HLA Class II antibody:

- YES
- NO

Serum Date - Most Recent Class II:

ST=

Target - Most Recent Class II:

- Cells
- Purified HLA antigens, pooled
- Purified HLA antigens from individual phenotypes
- Purified single HLA antigens

Technique - Most Recent Class II:

- Cytotoxicity testing - extended incubation
- Cytotoxicity testing - wash
- Cytotoxicity testing - wash and extended incubation

- Cytotoxicity testing - AHG
- Flow cytometry with cell targets
- Flow cytometry with bead targets
- ELISA
- Other, specify

Specify:

---

Technique Measures - Most Recent Class II:

- IgG
- IgM
- Both IgG and IgM

---

PRA (%) - Most Recent Class II:

ST=

---

Anti-HLA Interpretation - Most Recent Class II:

- Class II antibody present
- No Class II antibody present
- Unknown

---

**B. Peak**

Were any sera tested pre-transplant that contain anti-HLA Class I antibody:

- YES  NO

---

Serum Date - Peak Serum Class I:

ST=

---

Target - Peak Serum Class I:

- Cells
- Purified HLA antigens, pooled
- Purified HLA antigens from individual phenotypes

Purified single HLA antigens

---

Technique - Peak Serum Class I:

- Cytotoxicity testing - extended incubation
- Cytotoxicity testing - wash
- Cytotoxicity testing - wash and extended incubation
- Cytotoxicity testing - AHG
- Flow cytometry with cell targets
- Flow cytometry with bead targets
- ELISA
- Other, specify

Specify:

---

Measures - Peak Serum Class I:

- IgG
- IgM
- Both IgG and IgM

PRA (%) - Peak Serum Class I:

ST=

---

Anti-HLA Interpretation - Peak Serum Class I:

- Class I antibody present
- No Class I antibody present
- Unknown

Were any sera tested pre-transplant that contain anti-HLA Class II antibody:

YES  NO

---

Serum Date - Peak Serum Class II:

ST=

---

Target - Peak Serum Class II:

- Cells
- Purified HLA antigens, pooled
- Purified HLA antigens from individual phenotypes
- Purified single HLA antigens

---

Technique - Peak Serum Class II:

- Cytotoxicity testing - extended incubation
- Cytotoxicity testing - wash
- Cytotoxicity testing - wash and extended incubation
- Cytotoxicity testing - AHG
- Flow cytometry with cell targets
- Flow cytometry with bead targets
- ELISA
- Other, specify

Specify:

---

Measures - Peak Serum Class II:

- IgG
- IgM
- Both IgG and IgM

---

PRA (%) - Peak Serum Class II:

ST=

---

Anti-HLA Interpretation - Peak Serum Class II:

- Class II antibody present
- No Class II antibody present

Unknown

**A. Most Recent**

Date of crossmatch serum:

Cell Type:	Target:	Technique:	Specify:	Measures:	Result:	AutoXM Result Using This Target and Technique:
<input type="radio"/> T-CELLS						
<input type="radio"/> B-CELLS						
<input type="radio"/> Unseparated lymphocytes	<input type="radio"/> Peripheral Blood	<input type="radio"/> NIH/Extended				<input type="radio"/> Positive
<input type="radio"/> Purified Class I antigen	<input type="radio"/> Lymph Nodes	<input type="radio"/> Wash/Extended		<input type="radio"/> IgG	<input type="radio"/> Indeterminate	<input type="radio"/> Negative
<input type="radio"/> Purified Class II antigen	<input type="radio"/> Spleen	<input type="radio"/> Anti-Globulin	<input type="text"/>	<input type="radio"/> IgM	<input type="radio"/> Negative	<input type="radio"/> Indeterminate
<input type="radio"/> Purified Class I and II antigen	<input type="radio"/> Thymocytes	<input type="radio"/> FLOW		<input type="radio"/> Both IgG and IgM	<input type="radio"/> Positive	<input type="radio"/> Not tested
<input type="radio"/> Platelets	<input type="radio"/> Cell lines/clonal cells	<input type="radio"/> ELISA			<input type="radio"/> Weak Positive	<input type="radio"/> Unknown
<input type="radio"/> Monocytes	<input type="radio"/> Solid Matrix	<input type="radio"/> Other, specify				
<input type="radio"/> Endothelial cells						
<input type="radio"/> T-CELLS	<input type="radio"/> Periphera	<input type="radio"/> NIH/Extende	<input type="text"/>	<input type="radio"/> IgG	<input type="radio"/> Indetermin	<input type="radio"/> Positive



<input type="radio"/> B-CELLS	<input type="radio"/> I Blood	<input type="radio"/> d	<input type="radio"/> IgM	<input type="radio"/> ate	<input type="radio"/> Negative
<input type="radio"/> Unseparated lymphocytes	<input type="radio"/> Lymph Nodes	<input type="radio"/> Wash/Extended	<input type="radio"/> Both IgG and IgM	<input type="radio"/> Negative	<input type="radio"/> Indeterminate
<input type="radio"/> Purified Class I antigen	<input type="radio"/> Spleen	<input type="radio"/> Anti-Globulin		<input type="radio"/> Positive	<input type="radio"/> Not tested
<input type="radio"/> Purified Class II antigen	<input type="radio"/> Thymocytes	<input type="radio"/> FLOW		<input type="radio"/> Weak Positive	<input type="radio"/> Unknown
<input type="radio"/> Purified Class I and II antigen	<input type="radio"/> Cell lines/clonal cells	<input type="radio"/> ELISA			
<input type="radio"/> Platelets	<input type="radio"/> Solid Matrix	<input type="radio"/> Other, specify			
<input type="radio"/> Monocytes					
<input type="radio"/> Endothelial cells					
<input type="radio"/> T-CELLS	<input type="radio"/> Peripheral Blood	<input type="radio"/> NIH/Extended	<input type="radio"/> IgG	<input type="radio"/> Indeterminate	<input type="radio"/> Positive
<input type="radio"/> B-CELLS	<input type="radio"/> Lymph Nodes	<input type="radio"/> Wash/Extended	<input type="radio"/> IgM	<input type="radio"/> Negative	<input type="radio"/> Negative
<input type="radio"/> Unseparated lymphocytes	<input type="radio"/> Spleen	<input type="radio"/> Anti-Globulin	<input type="radio"/> Both IgG and IgM	<input type="radio"/> Positive	<input type="radio"/> Indeterminate
<input type="radio"/> Purified Class I antigen	<input type="radio"/> Thymocytes	<input type="radio"/> FLOW		<input type="radio"/> Weak Positive	<input type="radio"/> Not tested
<input type="radio"/> Purified Class II	<input type="radio"/> Cell lines/clonal cells	<input type="radio"/> ELISA			<input type="radio"/> Unknown
	<input type="radio"/>	<input type="radio"/> Other, specify			

antigen	<input type="checkbox"/> Solid Matrix				
<input type="checkbox"/> Purified Class I and II antigen					
<input type="checkbox"/> Platelets					
<input type="checkbox"/> Monocytes					
<input type="checkbox"/> Endothelial cells					
<input type="checkbox"/> T-CELLS					
<input type="checkbox"/> B-CELLS					
<input type="checkbox"/> Unseparated lymphocytes	<input type="checkbox"/> Peripheral Blood	<input type="checkbox"/> NIH/Extended			
<input type="checkbox"/> Purified Class I antigen	<input type="checkbox"/> Lymph Nodes	<input type="checkbox"/> Wash/Extended	<input type="checkbox"/> IgG	<input type="checkbox"/> Indeterminate	<input type="checkbox"/> Positive
<input type="checkbox"/> Purified Class II antigen	<input type="checkbox"/> Spleen	<input type="checkbox"/> Anti-Globulin	<input type="checkbox"/> IgM	<input type="checkbox"/> Negative	<input type="checkbox"/> Negative
<input type="checkbox"/> Purified Class I and II antigen	<input type="checkbox"/> Thymocytes	<input type="checkbox"/> FLOW	<input type="checkbox"/> Both IgG and IgM	<input type="checkbox"/> Positive	<input type="checkbox"/> Indeterminate
<input type="checkbox"/> Purified Class I and II antigen	<input type="checkbox"/> Cell lines/clonal cells	<input type="checkbox"/> ELISA		<input type="checkbox"/> Weak Positive	<input type="checkbox"/> Not tested
<input type="checkbox"/> Platelets	<input type="checkbox"/> Solid Matrix	<input type="checkbox"/> Other, specify			<input type="checkbox"/> Unknown
<input type="checkbox"/> Monocytes					
<input type="checkbox"/> Endothelial cells					

<input type="radio"/> T-CELLS							
<input type="radio"/> B-CELLS							
<input type="radio"/> Unseparated lymphocytes	<input type="radio"/> Peripheral Blood	<input type="radio"/> NIH/Extended			<input type="radio"/> IgG	<input type="radio"/> Indeterminate	<input type="radio"/> Positive
<input type="radio"/> Purified Class I antigen	<input type="radio"/> Lymph Nodes	<input type="radio"/> Wash/Extended			<input type="radio"/> IgM	<input type="radio"/> Negative	<input type="radio"/> Negative
<input type="radio"/> Purified Class II antigen	<input type="radio"/> Spleen	<input type="radio"/> Anti-Globulin	<input type="text" value=""/>		<input type="radio"/> Both IgG and IgM	<input type="radio"/> Positive	<input type="radio"/> Indeterminate
<input type="radio"/> Purified Class I and II antigen	<input type="radio"/> Thymocytes	<input type="radio"/> FLOW				<input type="radio"/> Weak Positive	<input type="radio"/> Not tested
<input type="radio"/> Platelets	<input type="radio"/> Cell lines/clonal cells	<input type="radio"/> ELISA					<input type="radio"/> Unknown
<input type="radio"/> Monocytes	<input type="radio"/> Solid Matrix	<input type="radio"/> Other, specify					
<input type="radio"/> Endothelial cells							

B. Date of crossmatch serum - Least Recent (for reference purposes):

C. Positive crossmatch with sera other than the most recent by any method:  YES  NO

Serum Date:	Cell Type:	Target:	Technique:	Specify:	Measures:	NEG XM by any other technique with this serum:	AutoXM Result Using This Target and Technique:
<input type="text"/>	<input type="radio"/> T-CELLS	<input type="radio"/> Peripheral	<input type="radio"/> NIH/Extended	<input type="text"/>	<input type="radio"/> IgG	<input type="radio"/> Yes	<input type="radio"/> Positive

B-CELLS

Unseparated lymphocytes

Purified Class I antigen

Purified Class II antigen

Purified Class I and II antigen

Platelets

Monocytes

Endothelial cells

T-CELLS

B-CELLS

Unseparated lymphocytes

Purified Class I antigen

Purified

Blood

Lymph Nodes

Spleen

Thymocytes

Cell lines/clonal cells

Solid Matrix

Peripheral Blood

Lymph Nodes

Spleen

Thymocytes

Cell lines/clonal

Wash/Extended

Anti-Globulin

FLOW

ELISA

Other, specify

NIH/Extended

Wash/Extended

Anti-Globulin

FLOW

ELISA

Other,

Ig M

Both Ig G and Ig M

No

Unknown

Negative

Indeterminate

Not tested

Unknown

Ig G

Ig M

Both Ig G and Ig M

Yes

No

Unknown

Positive

Negative

Indeterminate

Not tested

Unknown

Class II antigen

Purified Class I and II antigen

Platelets

Monocytes

Endothelial cells

T-CELLS

B-CELLS

Unseparated lymphocytes

Purified Class I antigen

Purified Class II antigen

Purified Class I and II antigen

Platelets

Monocytes

cells

Solid Matrix

specify

Peripheral Blood

Lymph Nodes

Spleen

Thymocytes

Cell lines/clonal cells

Solid Matrix

NIH/Extended

Wash/Extended

Anti-Globulin

FLOW

ELISA

Other, specify

Ig G

Ig M

Both Ig G and Ig M

Yes

No

Unknown

Positive

Negative

Indeterminate

Not tested

Unknown

Endothelial cells

T-CELLS

B-CELLS

Unseparated lymphocytes

Purified Class I antigen

Purified Class II antigen

Purified Class I and II antigen

Platelets

Monocytes

Endothelial cells

Peripheral Blood

Lymph Nodes

Spleen

Thymocytes

Cell lines/clonal cells

Solid Matrix

NIH/Extended

Wash/Extended

Anti-Globulin

FLOW

ELISA

Other, specify

Ig G

Ig M

Both Ig G and Ig M

Yes

No

Unknown

Positive

Negative

Indeterminate

Not tested

Unknown

\_\_\_\_\_

\_\_\_\_\_

T-CELLS

B-CELLS

Unseparated lymphocytes

Peripheral Blood

Lymph Nodes

Spleen

NIH/Extended

Wash/Extended

Anti-Globulin

Ig G

Ig M

Both Ig

Yes

No

Unknown

Positive

Negative

Indeterminate

Not

\_\_\_\_\_

\_\_\_\_\_

<input type="checkbox"/>	Purified Class I antigen	<input type="checkbox"/>	Thymocytes	<input type="checkbox"/>	FLow	G a n d I g M	<input type="checkbox"/>	tested
<input type="checkbox"/>	Purified Class II antigen	<input type="checkbox"/>	Cell lines/clonal cells	<input type="checkbox"/>	ELISA		<input type="checkbox"/>	Unknown
<input type="checkbox"/>	Purified Class I and II antigen	<input type="checkbox"/>	Solid Matrix	<input type="checkbox"/>	Other, specify			
<input type="checkbox"/>	Platelets							
<input type="checkbox"/>	Monocytes							
<input type="checkbox"/>	Endothelial cells							

**D. Autocrossmatch results:**

Has autocrossmatch ever been positive:

Yes  
 No  
 Unknown  
 Not Tested

AutoXM Date - Positive AutoXM:

Donor Retyped Class I:  YES  NO  UNK

Donor HLA values entered through Placement or on the Donor Histocompatibility Form:

A:                      B:                      Bw4:                      Cw:  
 A:                      B:                      Bw6:                      Cw:

Date Typing Completed Class I:

Target Cell Source Class I:

- Peripheral Blood
- Lymph Nodes
- Spleen
- Thymocytes
- Cell lines/clonal cells
- Solid Matrix

Typing Method Class I:

- Serology
- DNA

A

A

B

B

Bw4

Bw6

Cw

Cw

Donor Retyped Class II:

- YES
- NO
- UNK

Donor HLA values entered through Placement or on the Donor Histocompatibility Form:



DR:

DR51:

DQ:

DPB:

DR:

DR52:

DQ:

DPB:

DR53:

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Date Typing Completed Class II:

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Target Cell Source Class II:

- Peripheral Blood
- Lymph Nodes
- Spleen
- Thymocytes
- Cell lines/clonal cells
- Solid Matrix

---

Typing Method Class II:

Serology  DNA

DR

DR

DR51

DR52

DR53

DQ

DQ

DPB

DPB

Comments:

