

Records ?

Recipient Histocompatibility Worksheet

FORM APPROVED: O.M.B. NO. 0915-0157 Expiration Date: 03/31/2015

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.

Provider Information

Lab:

TX Center:

Recipient Information

Name:

DOB:

Transplant Date:

SSN:

Gender:

HIC:

Organ(s):

Donor Information

UNOS Donor ID#:

Donor Type:

Test Information

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.

Section I - Recipient HLA Typing

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

Section II - HLA Antibody Screening

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=

- ☐ Class I antibody present

Anti-HLA Interpretation - Most Recent Class I:

- ☐ 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=

- ☐ Cells

Target - Peak Serum Class I:

- ☐ 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

		<input type="radio"/> ELISA <input type="radio"/> Other, specify
Specify:	<input type="text"/>	
<hr/>		
Measures - Peak Serum Class II:	<input type="radio"/> IgG <input type="radio"/> IgM <input type="radio"/> Both IgG and IgM	
<hr/>		
PRA (%) - Peak Serum Class II:	<input type="text"/>	ST= <input type="text"/>
<hr/>		
Anti-HLA Interpretation - Peak Serum Class II:	<input type="radio"/> Class II antibody present <input type="radio"/> No Class II antibody present <input type="radio"/> Unknown	

Section III - Crossmatch

A. Most Recent

Date of crossmatch serum:

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

The diagram illustrates the relationship between various biological samples, testing methods, and results. It is organized into three main columns: **CELLS**, **TESTING METHODS**, and **RESULTS**.

CELLS (Left Column):

- Unseparated lymphocytes
- Purified Class I antigen
- Purified Class II antigen
- Purified Class I and II antigen
- Platelets
- Monocytes
- Endothelial cells
- T-CELLS
- B-CELLS

TESTING METHODS (Middle Column):

- Peripheral Blood
- Lymph Nodes
- Spleen
- Thymocytes
- Cell lines/clonal cells
- Solid Matrix
- NIH/Extended
- Wash/Extended
- Anti-Globulin
- FLOW
- ELISA
- Other, specify

RESULTS (Right Column):

- IgG
- IgM
- Both IgG and IgM
- Yes
- No
- Unknown
- Positive
- Negative
- Indeterminate
- Not tested
- Unknown

The diagram shows how different cell types and testing methods can lead to different results. For example, 'Unseparated lymphocytes' tested with 'Peripheral Blood' can result in 'IgG', 'IgM', or 'Both IgG and IgM'. 'Purified Class I antigen' tested with 'Lymph Nodes' can result in 'Yes', 'No', or 'Unknown'. 'Purified Class II antigen' tested with 'Spleen' can result in 'Positive', 'Negative', or 'Indeterminate'. 'Purified Class I and II antigen' tested with 'Thymocytes' can result in 'Not tested' or 'Unknown'. 'Platelets' tested with 'Cell lines/clonal cells' can result in 'Unknown'. 'Monocytes' tested with 'Solid Matrix' can result in 'Unknown'. 'Endothelial cells' tested with 'NIH/Extended' can result in 'Unknown'. 'T-CELLS' tested with 'Wash/Extended' can result in 'Unknown'. 'B-CELLS' tested with 'Anti-Globulin' can result in 'Unknown'. 'Unseparated lymphocytes' tested with 'FLOW' can result in 'Unknown'. 'Purified Class I antigen' tested with 'ELISA' can result in 'Unknown'. 'Purified Class II antigen' tested with 'Other, specify' can result in 'Unknown'. 'Purified Class I and II antigen' tested with 'Other, specify' can result in 'Unknown'. 'Platelets' tested with 'Other, specify' can result in 'Unknown'. 'Monocytes' tested with 'Other, specify' can result in 'Unknown'. 'Endothelial cells' tested with 'Other, specify' can result in 'Unknown'. 'T-CELLS' tested with 'Other, specify' can result in 'Unknown'. 'B-CELLS' tested with 'Other, specify' can result in 'Unknown'.

<input type="radio"/>	Endothelial cells	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>	
<input type="radio"/>	T-CELLS	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>	
<input type="radio"/>	B-CELLS	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>	
<input type="radio"/>	Unseparated lymphocytes	<input type="radio"/>	Peripheral Blood	<input type="radio"/>	NIH/Extended	<input type="radio"/>		<input type="radio"/>	Positive
<input type="radio"/>	Purified Class I antigen	<input type="radio"/>	Lymph Nodes	<input type="radio"/>	Wash/Extended	<input type="radio"/>		<input type="radio"/>	Yes
<input type="radio"/>	Purified Class II antigen	<input type="radio"/>	Spleen	<input type="radio"/>	Anti-Globulin	<input type="radio"/>		<input type="radio"/>	No
<input type="radio"/>	Purified Class I and II antigen	<input type="radio"/>	Thymocytes	<input type="radio"/>	FLow	<input type="radio"/>		<input type="radio"/>	Unknown
<input type="radio"/>	Platelets	<input type="radio"/>	Cell lines/clonal cells	<input type="radio"/>	ELISA	<input type="radio"/>		<input type="radio"/>	Indeterminate
<input type="radio"/>	Monocytes	<input type="radio"/>	Solid Matrix	<input type="radio"/>	Other, specify	<input type="radio"/>		<input type="radio"/>	Not tested
<input type="radio"/>	Endothelial cells	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>	Unknown
<input type="radio"/>	T-CELLS	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>	
<input type="radio"/>	B-CELLS	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>	
<input type="radio"/>	Unseparated lymphocytes	<input type="radio"/>	Peripheral Blood	<input type="radio"/>	NIH/Extended	<input type="radio"/>		<input type="radio"/>	Positive
<input type="radio"/>	Purified Class I antigen	<input type="radio"/>	Lymph Nodes	<input type="radio"/>	Wash/Extended	<input type="radio"/>		<input type="radio"/>	Yes
<input type="radio"/>	Purified Class II antigen	<input type="radio"/>	Spleen	<input type="radio"/>	Anti-Globulin	<input type="radio"/>		<input type="radio"/>	No
<input type="radio"/>	Purified Class I and II antigen	<input type="radio"/>	Thymocytes	<input type="radio"/>	FLow	<input type="radio"/>		<input type="radio"/>	Unknown
<input type="radio"/>	Platelets	<input type="radio"/>	Cell lines/clonal cells	<input type="radio"/>	ELISA	<input type="radio"/>		<input type="radio"/>	Indeterminate
<input type="radio"/>	Monocytes	<input type="radio"/>	Solid Matrix	<input type="radio"/>	Other, specify	<input type="radio"/>		<input type="radio"/>	Not tested
<input type="radio"/>	Endothelial cells	<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>	Unknown

D. Autocrossmatch results:

Has autocrossmatch ever been positive:

- ☐ Yes
- ☐ No
- ☐ Unknown
- ☐ Not Tested

AutoXM Date - Positive AutoXM:

Section IV - Donor Retyping

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:		

Date Typing Completed Class II:

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