

READINESS CRITERIA IN ORGANMATCH

Readiness criteria indicates whether a recipient or donor is system ready for matching using the OrganMatch algorithms. Refer to the following for further information on the matching algorithms: *OM-SOP-012 Principles of Kidney Matching Algorithms*; *OM-SOP-038 Principles of Kidney and Pancreas Matching Algorithms*; *OM-SOP-041 Principles of Lung Matching Algorithm*; *OM-SOP-041 Principles of Heart Matching Algorithm*.

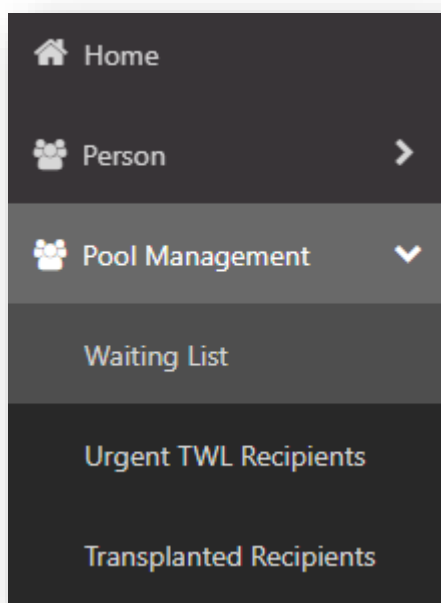
Each program has specific criteria and testing requirements that must be completed before the recipient or donor can be matched. This criteria includes clinical data like dialysis start date or height and weight, testing data like HLA typing or other data like ABO blood group.

CHECKING RECIPIENT READINESS CRITERIA

Recipient readiness can be viewed via **Pool Management Waiting List** or through the **Person** profile under **Program enrolments**.

POOL MANAGEMENT

1. Select **Waiting List** from the **Pool Management** menu.



- Select the required **Organ Program** and **Transplant Pathway** from the dropdown (**OM Laboratory** defaults to the users OM lab).

Waiting List

Filters

OM Laboratory

NSW

Organ Program *

Kidney

Transplant Pathway

TWL

- The table will display recipients that meet the selected criteria. The **Ready** column indicates whether a recipient is ready for matching or not.

Recipient												
Last Name	First Name	Date of Birth	ABO	OM ID	OM Lab	Transplant Hospital	Clinical Hospital	Date of Last Serum	Recent Ab Screening (SAG1/2)	Days SAG Readiness expires in	Pathway	Ready
			B	0082795	NSW	NRPAR	NCONR	06/04/2023	08/02/2023	30	TWL	✓
			B	0056400	NSW	NEASR	NWOLR	07/07/2022	13/07/2022	-180	TWL	✗

- A tick (✓) indicates the recipient is ready for matching. A cross (✗) indicates a recipient is not ready for matching. Click on the cross to view reasons why.

Readiness Assessment

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Donor

Recipient

This person's match profile is not ready because of the following reasons

Luminex (SAG1) test result has expired

Luminex (SAG2) test result has expired

No Dialysis Start Date found

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Close

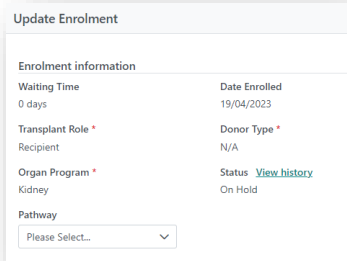
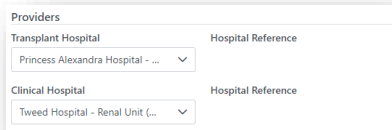
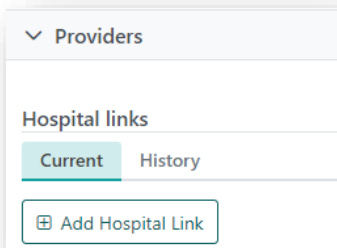
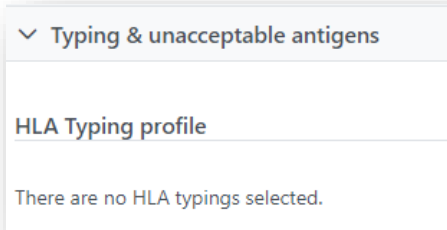
The following table gives information on where to update information in OrganMatch - depending on the reason displayed.

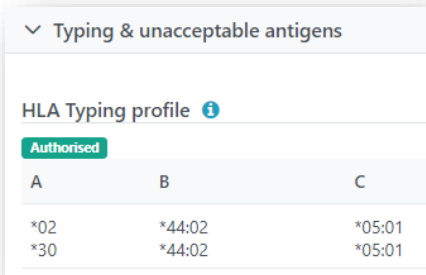
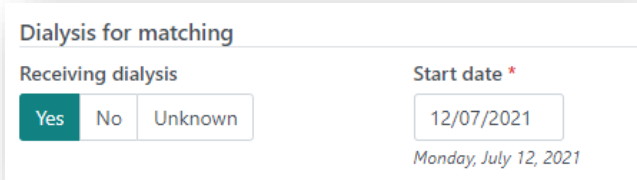
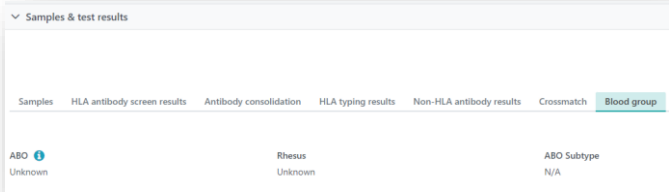
OM-070

VERSION: 1

EFFECTIVE DATE: 16/05/2023

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Reason	Where to add or update
Enrolment not complete.	<p>Check a pathway has been selected in the enrolment.</p> 
No Transplant Hospital selected.	<p>Check a transplant hospital has been selected in the enrolment.</p>  <p>Note: The hospital needs to be added under the recipients Hospital links before it can be selected in the enrolment.</p> 
HLA Typing Profile not authorised.	<p>Check the HLA Typing profile is authorised.</p> 

<p>Locus [<i>locus name</i>] is not in the correct format.</p>	<p>If readiness for HLA typing is set at 2 fields, this message displays as authorised typing is a 1 field result.</p>  <p>The screenshot shows a dropdown menu titled 'Typing & unacceptable antigens'. Below it is a section 'HLA Typing profile' with an information icon. Under 'Authorised', there is a table with three columns: A, B, and C. The values are: A: *02, *30; B: *44:02, *44:02; C: *05:01, *05:01.</p>
<p>No Dialysis start date.</p>	<p>For Kidney recipients check the Dialysis for matching start date needs to be added in the enrolment.</p>  <p>The screenshot shows a form titled 'Dialysis for matching'. It has a section 'Receiving dialysis' with buttons 'Yes' (selected), 'No', and 'Unknown'. To the right is a 'Start date' field with the value '12/07/2021' and the text 'Monday, July 12, 2021' below it.</p>
<p>Final ABO Blood Group not confirmed.</p>	<p>Check for a blood group result in Samples & test results, Blood group.</p>  <p>The screenshot shows a 'Samples & test results' page with several tabs: Samples, HLA antibody screen results, Antibody consolidation, HLA typing results, Non-HLA antibody results, Crossmatch, and Blood group (selected). Under the 'Blood group' tab, there is a table with three columns: ABO, Rhesus, and ABO Subtype. The values are: ABO: Unknown, Rhesus: Unknown, ABO Subtype: N/A.</p>

No verified Luminex Antibody screen (SAG1) test results found.

No verified Luminex Antibody screen (SAG2) test results found.

Check the recipient has a verified result for the test method SAG1/SAG2 in **Samples & test results, HLA antibody screen results.**

The screenshot shows the 'Samples & test results' section with a sub-tab for 'HLA antibody screen results'. It includes a 'Recent Ab Screening' table and a main results table.

Recent Ab Screening	
LSM	SAG1
N/A	N/A

From Sample Date	To Sample Date	Test Method
dd/mm/yyyy	dd/mm/yyyy	0 items selected

cPRA T1	Antigen (MFI) T1	Sample Date T1	Sample Reference T1	Test Date T1	HLA Class T1	Ig Isotype T1	Result T1	Test Method T1
		12/09/2022	N-22-908053-A	28/09/2022	Class II	IgG	Negative	SAG2
		12/09/2022	N-22-908053-A	26/09/2022	Class II	IgG	Negative	SAG2

Unacceptable Antigen List not authorised.

Check the **Unacceptable & Acceptable Antigens- TWL/LDD** in **Typing & unacceptable antigens** is authorised.

The screenshot shows the 'Typing & unacceptable antigens' section. It includes an 'HLA Typing profile' table and a section for 'Unacceptable & Acceptable Antigens'.

HLA Typing profile					
A	B	C	DRB1	DQB1	DQA1
*02:01	*40:01	*03:04	*04:01	*03:01	*01:02
*68:01	*44:02	*05:01	*15:01	*06:02	*03:03

Unacceptable & Acceptable Antigens

Sensitisation Category: Unknown

TWL Living Donor

Unacceptable & Acceptable Antigens - TWL

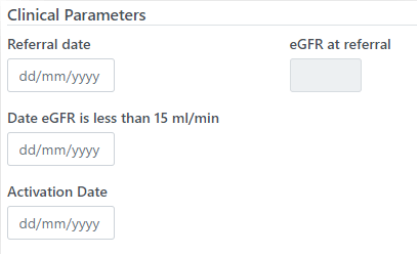
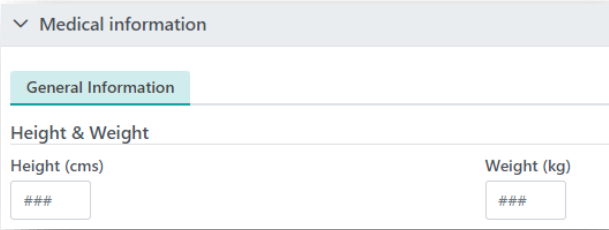
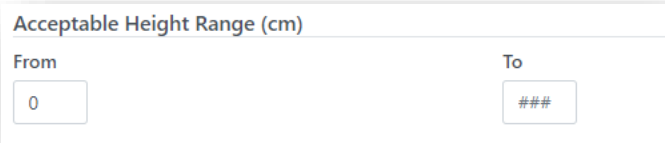
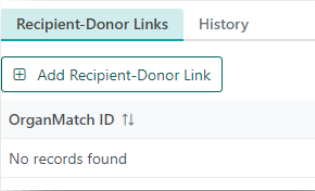
Last Updated On T1	Last Updated By T1	Authorised On T1	Authorised By T1
16/03/2023		16/03/2023	

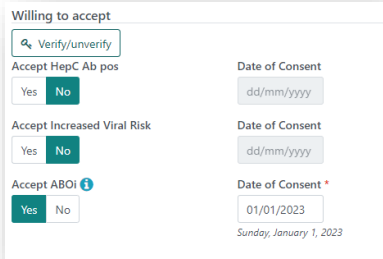
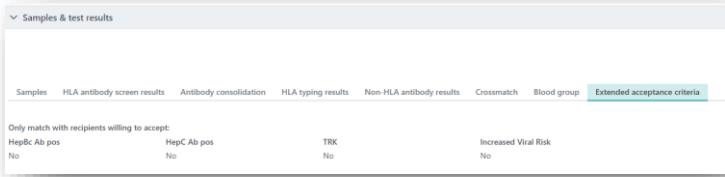
Luminex (SAG1) test result has expired.

Luminex (SAG2) test result has expired.

The recipient needs a new serum tested for Luminex Single Antigen testing.

Note: The expiry for the Single Antigen test is 100 days from the date of sample collection.

Waiting Time not calculated	<p>For combined Kidney/Pancreas recipients, the date the eGFR >15ml/min need to be added in the enrolment through the Transplantation Portal.</p> 
Weight not entered. Height not entered.	<p>For Heart and Lung recipients, the height and weight needs to be added under medical information through the Transplantation Portal.</p> 
Acceptable Height Range (cm) not entered.	<p>For Lung recipients the acceptable height range for a donor needs to be added in the enrolment through the Transplantation Portal.</p> 
Not linked in a Recipient – Donor Pair	<p>Check the KPD or LDD enrolment for a Recipient-Donor Link.</p> 

<p>Willing to accept criteria has not been verified</p>	<p>Check recipients Willing to accept criteria has been verified in the enrolment.</p> 
<p>Extended Acceptance Criteria [name of criteria] is not verified</p>	<p>Check the donors Extended acceptance criteria in Samples & test results has been verified.</p>  <p>Note: This is for donors only.</p>

RECIPIENT ENROLMENT

- To view the recipient readiness, from the **Person** record click **Program enrolments**.

> Program enrolments

- A tick (✓) indicates the recipient is ready for matching. A cross (✗) indicates a recipient is not ready for matching. Click on the cross to view reasons why.

Program enrolments

Current History

Add Enrolment

Role T1	Organ Program T1	Pathway T1	Waiting Time T1	Ready T1
Recipient	Kidney	TWL	-	✕

Readiness Assessment

> [REDACTED] Donor Recipient

This person's match profile is not ready because of the following reasons

Luminex (SAG1) test result has expired

Luminex (SAG2) test result has expired

No Dialysis Start Date found

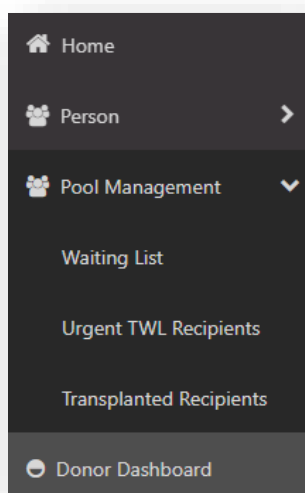
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Close

CHECKING DECEASED DONOR READINESS

The donor record can be accessed from the **Donor Dashboard**. The **Ready** column indicates whether the donor is ready for matching and clicking on the cross will open a pop up displaying the reasons the donor is not ready.

1. Select **Donor Dashboard** from the menu.



2. A tick (✓) indicates the donor is ready for matching. A cross (✗) indicates a donor is not ready for matching. Click on the cross to view reasons why.

Deceased Donor Dashboard

Filters

OM Laboratory: NSW Hospital: All ABO: All Donor: Outcome: All [Reset Filters](#)

Results

4475 records found

Date of Enrolment T1	OM Lab T1	Match Date & Time T1	Donor ID T1	Hospital T1	ABO T1	Last Name T1	First Name T1	OM ID T1	Lab Reference T1	Outcome T1	Ready T1
17/04/2023	NSW	18/04/2023 12:43	D23-0434	Royal Prince Alfred Hospi...	B			0086369	NP0023944	Intended	✓
17/04/2023	NSW		D23-0433	St George Hospital				0086368		Intended	✗

Readiness Assessment

> Donor Recipient

This person's match profile is not ready because of the following reasons

Final ABO Blood Group not Confirmed

HLA Typing Profile is not authorised

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Close

READINESS CRITERIA REQUIREMENTS FOR ORGAN PROGRAMS

KIDNEY TWL

Criteria	Recipient Requirements
HLA typing	Authorised for: HLA-A – 1 field HLA-B – 1 field HLA-C – 1 field HLA-DRB1 – 1 field HLA-DQB1 – 1 field HLA-DQA1 – 1 field HLA-DPB1 – 1 field HLA-DPA1 – 1 field
Location	OM Laboratory Entered Transplant Hospital entered
Luminex	Luminex Antibody screen (SAG1) Tested within 100 days Luminex Antibody screen (SAG2) Tested within 100 days
Unacceptable antigen	Authorised
Samples	Final ABO Blood Group Confirmed
Dialysis	Start date entered

KIDNEY/PANCREAS TWL

Criteria	Recipient Requirements
HLA typing	Authorised for: HLA-A – 1 field HLA-B – 1 field HLA-C – 1 field HLA-DRB1 – 1 field HLA-DQB1 – 1 field HLA-DQA1 – 1 field HLA-DPB1 – 1 field HLA-DPA1 – 1 field
Location	OM Laboratory Entered Transplant Hospital entered
Luminex	Luminex Antibody screen (SAG1) Tested within 100 days Luminex Antibody screen (SAG2) Tested within 100 days
Unacceptable antigen	Authorised
Samples	Final ABO Blood Group Confirmed
Enrolment Criteria	Waiting Time

PANCREAS TWL

Criteria	Recipient Requirements
HLA typing	Authorised for: HLA-A – 1 field HLA-B – 1 field HLA-C – 1 field HLA-DRB1 – 1 field HLA-DQB1 – 1 field HLA-DQA1 – 1 field HLA-DPB1 – 1 field HLA-DPA1 – 1 field

ORGANMATCH READINESS CRITERIA- LABORATORY PORTAL

Location	OM Laboratory Entered Transplant Hospital entered
Luminex	Luminex Antibody screen (SAG1) Tested within 100 days Luminex Antibody screen (SAG2) Tested within 100 days
Unacceptable antigen	Authorised
Samples	Final ABO Blood Group Confirmed

HEART OR LUNG TWL

Criteria	Recipient Requirements
HLA typing	Authorised for: HLA-A – 1 field HLA-B – 1 field HLA-C – 1 field HLA-DRB1 – 1 field HLA-DQB1 – 1 field HLA-DQA1 – 1 field HLA-DPB1 – 1 field HLA-DPA1 – 1 field
Location	OM Laboratory Entered Transplant Hospital entered
Luminex	Luminex Antibody screen (SAG1) Tested within 100 days Luminex Antibody screen (SAG2) Tested within 100 days
Unacceptable antigen	Authorised
Samples	Final ABO Blood Group Confirmed
Enrolment Criteria	Acceptable Height Range (cm)*
Height & Weight	Height (cm) Weight (kg)

*For Lung recipients only.

LIVER TWL

Criteria	Recipient Requirements
HLA typing	Authorised for: HLA-A – 1 field HLA-B – 1 field HLA-C – 1 field HLA-DRB1 – 1 field HLA-DQB1 – 1 field HLA-DQA1 – 1 field HLA-DPB1 – 1 field HLA-DPA1 – 1 field
Location	OM Laboratory Entered Transplant Hospital entered
Samples	Final ABO Blood Group Confirmed

COMBINED ORGAN PROGRAMS TWL

Combined Organ Program	Recipient Requirements same as this Organ Program
Kidney/Liver TWL	Kidney TWL
Kidney/Heart TWL	Heart TWL
Kidney/Lung TWL	Lung TWL
Heart/Lung TWL	Lung TWL
Liver/Lung TWL	Liver TWL
Heart/Lung/Liver TWL	Liver TWL
Kidney/Pancreas/Liver TWL	Pancreas TWL

ORGANMATCH READINESS CRITERIA- LABORATORY PORTAL

Liver/Intestine/Stomach/Pancreas TWL	Liver TWL
Stomach/Intestine/Pancreas TWL	Liver TWL
Liver/Intestine/Pancreas TWL	Liver TWL
Liver/Lung/Pancreas TWL	Liver TWL

KIDNEY KPD

Criteria	Recipient Requirements	Donor Requirements
HLA typing	<p>Authorised for:</p> <p>HLA-A – 1 field</p> <p>HLA-B – 1 field</p> <p>HLA-C – 1 field</p> <p>HLA-DRB1 – 1 field</p> <p>HLA-DQB1 – 1 field</p> <p>HLA-DQA1 – 1 field</p> <p>HLA-DPB1 – 1 field</p> <p>HLA-DPA1 – 1 field</p>	<p>Authorised for:</p> <p>HLA-A – 1 field</p> <p>HLA-B – 1 field</p> <p>HLA-C – 1 field</p> <p>HLA-DRB1 – 1 field</p> <p>HLA-DQB1 – 1 field</p> <p>HLA-DQA1 – 1 field</p> <p>HLA-DPB1 – 1 field</p> <p>HLA-DPA1 – 1 field</p>
Location	<p>OM Laboratory Entered</p> <p>Transplant Hospital entered</p>	<p>OM Laboratory Entered</p> <p>Transplant Hospital entered</p>
Luminex	<p>Luminex Antibody screen (SAG1) Tested</p> <p>Luminex Antibody screen (SAG2) Tested</p>	N/A
Unacceptable antigen	Authorised	N/A
Samples	<p>Final ABO Blood Group Confirmed</p> <p>Linked in a Recipient-Donor Pair</p>	<p>Final ABO Blood Group Confirmed</p> <p>Linked in a Recipient-Donor Pair</p>

KIDNEY LDD

Criteria	Recipient and Donor Requirements
HLA typing	Authorised for: HLA-A – 1 field HLA-B – 1 field HLA-DRB1 – 1 field
Location	OM Laboratory Entered Transplant Hospital entered
Samples	Linked in a Recipient-Donor Pair

LIVER LDD

Criteria	Recipient and Donor Requirements
Location	OM Laboratory Entered Transplant Hospital Entered
Samples	Linked in a Recipient-Donor Pair

DECEASED DONORS

Criteria	Recipient and Donor Requirements
HLA typing	Authorised for: HLA-A – 1 field HLA-B – 1 field HLA-DRB1 – 1 field
Location	OM Laboratory Entered
Samples	Final ABO Blood Group Confirmed
Height & Weight	Height (cm) Weight (kg)

DEFINITIONS

Term/abbreviation	Definition
KPD	Kidney Paired Donation
LDD	Living Directed Donation
OM	OrganMatch
SAG	Single Antigen Luminex result
TWL	Transplant Waiting List

REFERENCED INTERNAL DOCUMENTS

Document number	Source
OM-SOP-012	Principles of Kidney Matching Algorithms
OM-SOP-038	Principles of Kidney and Pancreas Matching Algorithms
OM-SOP-041	Principles of Lung Matching Algorithm
OM-SOP-041	Principles of Heart Matching Algorithm

CHANGE HISTORY

Version number	Effective date	Summary of change
1	Refer to footer	New document

ELECTRONIC SIGNATURE

Author	REBECCA SCAMMELL
Approver(s)	NARELLE WATSON