

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:

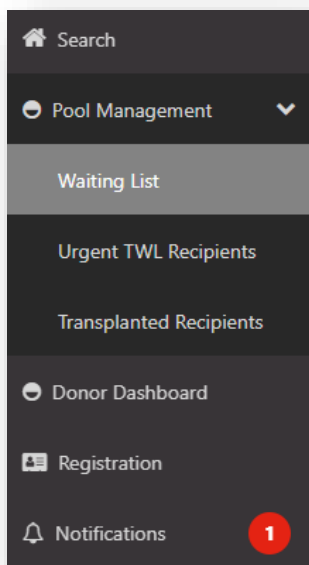
- [Principles of Kidney Matching Algorithms, OM-012](#)
- [Principles of Kidney/Pancreas and Pancreas Matching Algorithms, OM-038](#)
- [Principles of Lung Matching Algorithms, OM-041](#)
- [Principles of Heart Matching Algorithms, OM-049](#)

CHECKING READINESS CRITERIA

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.

POOL MANAGEMENT

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



- Select the required **Organ Program** and **Transplant Pathway** from the dropdown.

Waiting List

Filters

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	Age	ABO	OM ID	Hospital Reference	Transplant Hospital	Clinical Hospital	Date of Last Serum	Ready
[REDACTED]			57 years 3 mo...	O	0078443	RB3376167	Princess Alex...	Royal Brisban...	11/01/2021	✘
[REDACTED]			23 years	AB	0014297		Princess Alex...	Royal Brisban...	07/04/2023	✔

- 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

> [REDACTED] Donor Recipient

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

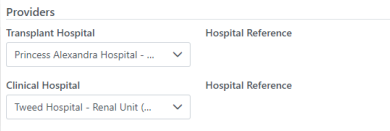
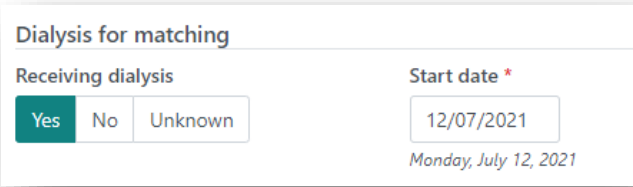
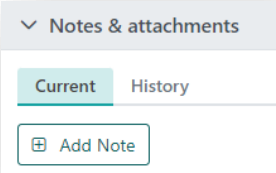
Luminex (SAG2) test result has expired

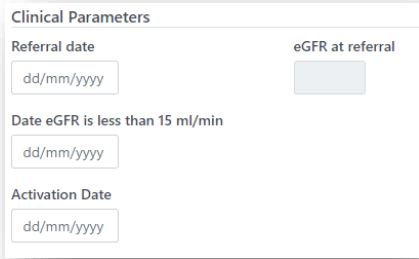
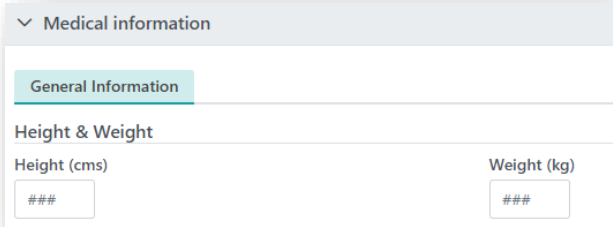
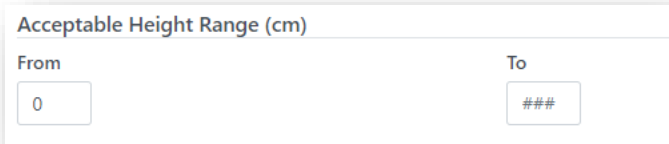
Luminex (SAG1) test result has expired

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Close

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

Reason	Where to add or update
<p>No Transplant Hospital selected.</p>	<p>Select the transplant hospital from the dropdown 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. For further information on adding hospital links refer to <i>OM-083 Person Details-Transplantation Portal</i>.</p>
<p>No Dialysis start date.</p>	<p>For Kidney recipients add the Dialysis for matching start date in the enrolment.</p> 
<p>Final ABO Blood Group not confirmed.</p>	<p>Upload the blood group report under Notes & attachments for the Tissue Typing laboratory to enter the result.</p> 
<p>Luminex (SAG1) test result has expired.</p> <p>Luminex (SAG2) test result has expired.</p>	<p>The recipient needs a new serum to be sent to the Tissue Typing laboratory for antibody testing.</p> <p>Note: The expiry for the Single Antigen test is 120 days from the date of sample collection.</p>

Reason	Where to add or update
<p>Waiting Time not calculated</p>	<p>For combined Kidney/Pancreas recipients, add the date the eGFR >15ml/min in the enrolment.</p> 
<p>Weight not entered. Height not entered.</p>	<p>For Heart and Lung recipients, add the height and weight under medical information.</p> 
<p>Acceptable Height Range (cm) not entered.</p>	<p>For Lung recipient add the acceptable height range for a donor in the enrolment.</p> 
<p>No verified Luminex Antibody screen (SAG1) test results found. No verified Luminex Antibody screen (SAG2) test results found.</p>	<p>Recipient testing still underway, and results must be verified by the Tissue Typing laboratory. Ensure samples have been sent to the laboratory for testing.</p>

Reason	Where to add or update
Unacceptable Antigen List not authorised.	Testing still underway and unacceptable antigens for the recipient need to be authorised by the Tissue Typing laboratory. Ensure samples have been sent to the laboratory for testing.

RECIPIENT ENROLMENT

- To view the recipient readiness, from the **Person** record click **Enrolments for transplant**.

> Enrolments for transplant

- 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.

Enrolments for transplant

Current History

Role ^{TL}	Organ Program ^{TL}	Pathway ^{TL}	Waiting Time ^{TL}	Ready ^{TL}
Recipient	Liver	TWL	5 months	✗

Readiness Assessment

> [Redacted] Donor Recipient

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

HLA Typing Profile is not authorised

Final ABO Blood Group not Confirmed

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Close

READINESS CRITERIA REQUIREMENTS

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 120 days Luminex Antibody screen (SAG2) Tested within 120 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 120 days Luminex Antibody screen (SAG2) Tested within 120 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- TRANSPLANTATION PORTAL

Location	OM Laboratory Entered Transplant Hospital entered
Luminex	Luminex Antibody screen (SAG1) Tested within 120 days Luminex Antibody screen (SAG2) Tested within 120 days
Unacceptable antigen	Authorised
Samples	Final ABO Blood Group Confirmed

PANCREAS ISLETS 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 120 days Luminex Antibody screen (SAG2) Tested within 120 days
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 120 days Luminex Antibody screen (SAG2) Tested within 120 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- TRANSPLANTATION 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
Liver/Pancreas TWL	Liver TWL

KIDNEY KPD

Criteria	Recipient Requirements	Donor 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	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	OM Laboratory Entered Transplant Hospital entered
Luminex	Luminex Antibody screen (SAG1) Tested Luminex Antibody screen (SAG2) Tested	N/A
Unacceptable antigen	Authorised	N/A
Samples	Final ABO Blood Group Confirmed Linked in a Recipient-Donor Pair	Final ABO Blood Group Confirmed Linked in a Recipient-Donor Pair

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

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-012	Principles of Kidney Matching Algorithms
OM-038	Principles of Kidney/Pancreas and Pancreas Matching Algorithms
OM-041	Principles of Lung Matching Algorithms
OM-049	Principles of Heart Matching Algorithms
OM-083	Person Details- Transplantation Portal

CHANGE HISTORY

Version number	Effective date	Summary of change
-	-	For previous change histories contact the National OrganMatch Office.
6	16/05/2023	OrganMatch Sprint 43 updates <ul style="list-style-type: none"> • Change of SAG expiry readiness to calculate using the sample collection date. • Other changes • Update to the new template.
7	04/12/2023	<ul style="list-style-type: none"> • Update of SAG expiry in readiness criteria to 120 days. • Update to the document number of references. • Addition of Liver/Pancreas TWL program in Readiness Criteria Requirements.

8	Refer to footer	<ul style="list-style-type: none"> • Addition of Readiness Criteria for Pancreas Islets TWL. • Update to referenced documents for OM-012. Removal of OM-013 and addition of OM-083.
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ELECTRONIC SIGNATURE

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