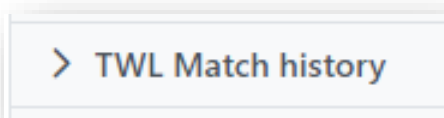


A match event is created between a recipient and a donor and contains information regarding the match. This includes the histocompatibility assessment and donor specific antibody assessment.

When a match event has been published from the Laboratory Portal, the match event assessment is viewable. If the status is unpublished, this means the lab has not performed an assessment on the matched pair.

## VIEWING A MATCH EVENT

- To view a match event from the **Person** record click **TWL Match history**.



- Match events are listed in the table.

TWL Match history											
Algorithm Assessment		Transplanted		Offer Status		Reason for Decline			Export Match History @Reset Filters		
Yes		All		All		All			All		
Match Details		Matched Person		Outcome							
Organ Program (%)	Event Date (%)	OM ID (%)	Donor ID (%)	Algorithm Assessment (%)	Blocked (%)	Compatibility Status (%)	Transplanted (%)	Offer Status (%)	Reason(s) for Decline (%)	Rank (%)	Published Status (%)
Kidney	08/01/2024 19:51	0089564	D24-0020	Yes	No	N/A	N/A	N/A	N/A	159	Unpublished
Kidney	06/01/2024 15:08	0089554	D24-0012	Yes	No	N/A	N/A	N/A	N/A	166	Unpublished
Kidney	04/01/2024 09:20	0089526	D24-0005	Yes	No	N/A	N/A	N/A	N/A	127	Unpublished
Kidney	30/12/2023 20:53	0089496	D23-1578	Yes	No	N/A	N/A	N/A	N/A	182	Unpublished

- Click a published row in the **Match history** table to open a match event.

### Match event

**Name Withheld** DECEASED DONOR

Male  
25 years 11 months (05/04/1996)

OM ID 0086134  
OM Lab WA

Donor ID D23-0339  
Hospital Rockingham  
General Hos...

Person Profile

**RtmVcu JEZUo mife** RECIPIENT

Female  
33 years 1 month (21/02/1990)

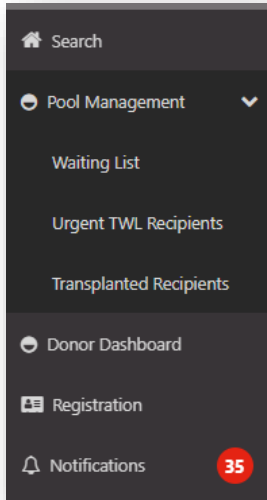
OM ID 0076144  
OM Lab WA

Lab Ref 07133KR

Person Profile

- > Information
- > Match event outcomes
- > Histocompatibility assessment
- > Recipient transplant history
- > Notes & attachments
- > Providers
- > Match parameters
- > Matching algorithms processed

- To view a match event from the **Transplant waiting list matching** screen, click **Donor Dashboard**.



- Click on the recipient row to view the match event.


**Deceased Donor Dashboard**

Filters: Hospital: All, ABO: All, Donor ID: [input field] [Reset Filters](#)

Results: 5534 records found

Donors						
Date of Enrolment T1	OM Lab T1	Match Date & Time T1	Donor ID T1	Hospital T1	ABO T1	
15/03/2023	NSW	15/03/2023 17:17	D23-0290	[REDACTED]	O	
12/03/2023	NSW	13/03/2023 15:34	D23-0279	[REDACTED]	O	
12/03/2023	NSW	13/03/2023 12:51	D23-0278	[REDACTED]	O	
10/03/2023	QLD	13/03/2023 10:42	D23-0270	[REDACTED]	A	

VIEW THE MATCH DETAILS IN EACH TAB IN THE MATCH EVENT

- **Information** contains information related to changes made to the match event.
- **Match event outcomes** contains high-level match details, such as **Matched Date** and **Algorithm Assessment, Compatibility Status, Offer Status, Reason(s) for Decline** and **Transplanted**. For Kidney Paired Donation (KPD) additional fields are viewable for **Offered Date, Medical Acceptance Date, Surgical Acceptance Date** and **Proposed Theatre Date**.
- **Histocompatibility Assessment** displays information specific to histocompatibility matching. This includes HLA typing of patient and donor, donor specific antibodies (DSA) and crossmatch results if available.
- In the DSA assessment section, there is a new help icon  which directs users to the DSA assignment document.

The number of days since the recipients last Single Antigen test displays in the DSA assessment banner once the assessment has been performed.



DSA assessment - 41 days since last Single antigen test result

DSA Assessment

Class II DSA identified

Show on Report	DSA Category	Recipient Antibody	Donor HLA	MFI	Strength Rating	Sample Date
✓	Specific	DRB4*01:01	DRB4*01	1172	Weak	04/11/2021
✓	Specific	DRB4*01:01	DRB4*01	1023	Weak	06/07/2023
✓	Specific	DRB4*01:01	DRB4*01	1017	Weak	08/09/2022
✓	Specific	DRB4*01:03	DRB4*01	626	Weak	04/11/2021

- **Recipient Transplant History** shows details of previous transplant events, transplant date, Organ program, Transplant pathway, Donor Name, Lab Ref, Donor HLA typing and allelic differences.

Recipient transplant history

Recipient transplants

Transplant Date	Organ Program	Transplant Pathway	Lab Ref
27/09/2020	Kidney	LD	LD 2091

Previous Donor Allelic Difference

A	B	C	DRB1	DQB1	DQA1	DPB1	DPA1	DRB3	DRB4	DRB5
*01:01	*08:01	*07:01	-	*02:01	-	-	Not Determined	*01:01	-	-
-	-	-	*03:01	-	*05:01	-	-	-	-	-

Previous Donor HLA Typing profile

A	B	C	DRB1	DQB1	DQA1	DPB1	DPA1	DRB3	DRB4	DRB5
*01:01	*08:01	*07:01	*01:01	*02:01	*01:01	*04:01	-	*01:01	-	-
*03:01	*14:02	*08:02	*03:01	*05:01	*05:01	-	-	-	-	-

#Not Determined - Insufficient typing to determine allelic differences

# ORGANMATCH MATCH EVENT ASSESSMENT – TRANSPLANTATION PORTAL

- **Notes and Attachments** allows the user to add and reply to match event notes.
- **Providers** shows the associated doctors, clinical and transplant unit details for the recipient and donor.
- **Match parameters** displays the donor and recipient parameters used to create the Match Event: See [Match event parameters](#)
- **Matching algorithms** shows the outcome of all algorithms used to match the donor to the recipient.

**Match event**

**DONOR** | **RECIPIENT**

Male | OM ID: 038954 | Donor ID: 024-0202 | Female | OM ID: 009835

**Match event outcomes**

Matched Date: 08/01/2024 19:51 | Algorithm Assessment: Yes

Compatibility Status: Other Status: Accepted | Reason(s) for Decline: | Transplanted: Yes | Transplant Date: 08/01/2024

**Histocompatibility assessment**

Donor HLA Typing profile										Recipient HLA Typing profile									
A	B	C	DRB1	DRB3	DQA1	DPB1	DMB1	DRB4	DRB5	A	B	C	DRB1	DRB3	DQA1	DPB1	DMB1	DRB4	DRB5
*03	*07	*08	*11	*03:01	*01	*04:01	*01	*02	*01	*01:01	*08:01	*07:01	*11:01	*03:01	*01:01	*04:01	*01:01	*03:01	*02:01
*02	*07	*07	*15	*08	*05	*04:02	*01			*01:01	*08:01	*07:01	*11:02	*03:01	*01:01	*04:02	*01:01	*03:01	*02:01

**Allelic Differences**

A	B	C	DRB1	DRB3	DQA1	DPB1	DMB1	DRB4	DRB5
*03	*07	*08							
*02	*07		*15			*04:02			*01

**Eplet load**

Class I	Class II	Total	Total DRB1 matches
0	0	0	0

#Not Determined - Insufficient typing to determine allelic differences

Allelic assessment

**DSA assessment - 32 loci virtual single antigen screen**

DSA Assessment

Donor Report	DSA Category (s)	Recipient Antibody (s)	Donor HLA (s)	MFI (s)	Strength Rating (s)	Sample Date (s)	DSA Note (s)	Test Result: Reactivity Note (s)	Ig	Sex	Class (s)	Temp (s)
✓	Specific	A*03:02	A*02	1750	High	02/08/2021		Supplementary VIG	IGG	ESTR	Class I	
✓	Specific	A*03:01	A*02	1025	Weak	02/08/2021			IGG	ESTR	Class I	
✓	Specific	DQ1*10:02	DQB1*03:01	714	Weak	06/10/2023			IGG	ESTR	Class II	

**Comment assessment - Association Category - High**

CCC 3M Assessment

Flow 3M Assessment

Virtual 3M Assessment

**Recipient unacceptable antigen profile and assessment**

Unacceptable antigen assessment

Antigen Type (s)	Antigen (s)	Unacceptable & Acceptable Antigen - TWL	Type (s)	Antigen (s)	Source (s)
No words found		TWL, ePRA			
			Type (s)	Antigen (s)	Source (s)
			Unacceptable Antigen	A*11:01	Recipient Donor Typing
			Unacceptable Antigen	B*18:01	Recipient Donor Typing
			Unacceptable Antigen	D18P1*01	Recipient Donor Typing
			Unacceptable Antigen	DQB*02:02	Recipient Donor Typing
			Unacceptable Antigen	DQA*02:01	Recipient Donor Typing
			Unacceptable Antigen	D18P1*01	Recipient Donor Typing
			Unacceptable Antigen	D18P1*02	Antibody Sourced
			Unacceptable Antigen	D18P1*01	Antibody Sourced
			Unacceptable Antigen	DQB*02:01	Antibody Sourced
			Unacceptable Antigen	DQB*02:02	Antibody Sourced
			Unacceptable Antigen	DQB*02:02	Antibody Sourced



2. Select **Declined** from the **Offer Status** dropdown.

A screenshot of a dropdown menu titled "Offer Status". The menu is open, and the option "Declined" is selected and highlighted. A small downward arrow is visible on the right side of the dropdown box.

3. Select the reason from the **Reason(s) for Decline** dropdown. Multiple reasons can be selected. See Appendix 1 for a list of reasons.

A screenshot of a dropdown menu titled "Reason(s) for Decline". The menu is open, showing a search bar and a list of reasons. The "Transplanted" status is shown as "-". The reasons listed are:

- Not Medically Suitable - Organ Function
- Not Medically Suitable - Organ Disease
- Not Medically Suitable - Organ Trauma
- Not Medically Suitable - Acute Clinical Course
- Not Medically Suitable - medical history/comorbidities
- Not Medically Suitable - Prediction of time to death post WCBS

4. Click **Save**.

A screenshot of two buttons: "Cancel" and "Save". The "Save" button is highlighted in a darker teal color, indicating it is the intended action.

5. The reason for decline is now displayed in the Match Event.

A screenshot of a table titled "Match event outcomes". The table displays the following information:

Matched Date:	Algorithm Assessment	Offer Status	Reason(s) for Decline	Transplanted
12/02/2024 12:11	Yes	Declined	<ul style="list-style-type: none"> <li>Not Medically Suitable - Organ Function</li> </ul>	-
Compatibility Status				
Eligible for offer				
Not Compatible Reason				
-				
Comments				
-				

MATCH EVENT PARAMETERS

KIDNEY/PANCREAS TWL MATCH EVENT PARAMETERS

The Kidney/Pancreas TWL match event parameters are displayed below for patient and donor:

Donor			Recipient - Kidney/Pancreas - TWL - 2 years 1 month (waiting time)		
Extended acceptance criteria			Renal parameters		
HepC Ab pos	TRK	Increased Viral Risk	EPTS	Max KDPI	Dialysis Start Date
<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> No	17	100%	09/06/2020
Renal parameters			Clinical parameters		
Match KDPI (Percentile)			Referral date	eGFR at referral	
33%			13/10/2020	15	
			Date eGFR is less than 15 ml/min	Activation date	
			13/07/2020	24/05/2021	
			Patient category		
			National Priority		
			<input checked="" type="checkbox"/> No		

LUNG TWL MATCH EVENT PARAMETERS

The Lung TWL match event parameters are displayed below for patient and donor:

Donor		Recipient - Lung - TWL - 1 year 6 months (waiting time)	
Height & Weight		Acceptable Height Range (cm)	
Height (cms)	Weight (kg)	From	To
-	-	0	-
		Patient category	
		Urgent (National Notification)	Urgent Category
		<input checked="" type="checkbox"/> No	-

HEART TWL MATCH EVENT PARAMETERS

The Heart TWL match event parameters are displayed below for patient and donor:

Donor			Recipient - Heart - TWL - 3 years 3 months (waiting time)		
Height & Weight			Height & Weight		
Height (cms)	Weight (kg)	Predicted Heart Mass	Height (cms)	Weight (kg)	Predicted Heart Mass
178	75	182.3	170	85	187.7
			Predicted Heart Mass Ratio		
			-2.9		
			Patient category		
			Urgent		
			Urgent Reason		
			<input checked="" type="checkbox"/> No		
			-		

## APPENDIX 1 REASONS FOR DECLINE

Reason For Decline	Scenario
Not Medically Suitable - Acute Clinical Course	Select when an organ is declined due to the cumulative effect of the admission clinical course and current acute clinical presentation.
Not Medically Suitable - medical history/comorbidities	Select when an organ is declined due to the cumulative effect of the donor's medical history and/or recognised comorbidities.
Not Medically Suitable - Organ Disease	Select when an organ is declined due a specific diagnosed disease of the organ.
Not Medically Suitable - Organ Function	Select when an organ is declined due to assessment of the current function.
Not Medically Suitable - Organ Trauma	Select when an organ is declined due to trauma to the organ.
Not Medically Suitable – Other	Select if an organ is declined and is described as not medically suitable for transplant for a specific reason other than any of the pre-populated selections.
Not Medically Suitable - Prediction of time to death post WCRS	Select when an organ is declined due to the transplant unit assessment/judgement that the potential donor would not die in the required organ specific timeframe, regardless of organ function and/or medical history.
No Suitable recipient - Donor vs recipient conditions	Select when the organ is declined due to donor profile factors (such as extended suitability criteria, age, pathway) and although potentially transplantable, at the time of offer there are no recipients deemed suitable by the unit to accept the organ.
No Suitable recipient - Positive Crossmatch / tissue typing - DSA	Select when the offer has been declined due to the presence of donor specific antibodies (DSA's) deemed unacceptable for transplantation.
No Suitable recipient - Positive Crossmatch / tissue typing - HLA mismatches	Select when the offer has been declined due to HLA mismatches.
No Suitable recipient - Positive Crossmatch / tissue typing - XM	Select when the offer has been declined due to crossmatch results.
No Suitable recipient - Size mismatch	Select when the offer is declined due to no size matched patients on waiting list.
No Suitable recipient - Other- Age mismatch	Select when the offer is declined due to the donor and recipient age variance.



No Suitable recipient - Other	Select if an organ is declined for a reason described as no suitable recipient with a specific reason other than any of the pre-populated selections.
Transmission Risk - Discovered positive serology	Select when an organ is declined due to a positive serology or NAT result.
Transmission Risk - History of positive serology	Select when an organ is declined due to a history of a positive serology or NAT result.
Transmission Risk - Malignancy transmission risk	Select when an organ is declined due to the donor's documented cancer history or identified risk of malignancy that has not been previously diagnosed.
Transmission Risk -Infectious disease transmission risk	Select when an organ is declined due to the risk of donor transmission of an infectious disease.
Transmission Risk -Other	Select if an organ is declined for a reason described as no suitable recipient with a specific reason other than any of the pre-populated selections.
Logistics - Cost of retrieval	Select when the organ offer is declined when the cost of providing a retrieval team and/or organ transportation from donor hospital to the transplant unit is deemed excessive.
Logistics - Covid 19	Select when the organ offer is declined due to logistical issues with Covid 19 restrictions.
Logistics - Extended cold ischaemic time	Select when an organ is declined specifically due to the calculated/estimated cold ischaemic time the organ will incur.
Logistics - Extended organ evaluation unavailable	Select when an organ offer is declined due to the inability to facilitate requested additional investigation/s to assess organ suitability, resulting in the transplant unit being unable to deem an organ medically suitable for transplant.
Logistics - Extended response time to organ offer	Select if the transplant unit has failed to provide a response to an organ offer within the allowed timeframes.
Logistics - Offer waived for urgent listing or national notification	Select when an organ offer is deferred by the home state transplant unit to make an organ offer to a current urgent listing or national notification recipient.
Logistics - Other	Select if an organ is declined due to a specific logistical reason other than any of the pre-populated selections.

Logistics - Transplant service unavailable	Select if an organ is declined specifically due to the required transplant team/service being unavailable.
Logistics - retrieval service unavailable	Select if an organ is declined specifically due to the required retrieval team/service being unavailable.
Intra-operative Surgical Injury	Select if an organ is declined due to a surgical injury at the time of the operation.
Assessment at transplant unit	Select if an organ is declined after retrieval by the Transplant Unit.
Surgical Retrieval Injury	Select if an organ is declined due to an injury sustained during surgical retrieval.

## DEFINITIONS

Term/abbreviation	Definition
DSA	Donor specific antibodies
KPD	Kidney Paired Donation
SAG	Single Antigen Luminex result
TWL	Transplant Waiting List

## CHANGE HISTORY

Version number	Effective date	Summary of change
1	18/04/2023	First version of document
2	5/09/2023	Update for OrganMatch Sprint 47: <ul style="list-style-type: none"> <li>View match details section updated to include new display of the number of days since SAG testing.</li> </ul>
3	06/02/2024	Update for OrganMatch Sprint 50: <ul style="list-style-type: none"> <li>View Match Details section updated to include new field labels for Compatibility Status, Offer Status and Reason(s) for Decline.</li> <li>Screenshots updated.</li> </ul>
4	Refer to footer	Update for OrganMatch Sprint 51: <ul style="list-style-type: none"> <li>Addition of section for editing match event outcomes.</li> <li>Addition of Appendix 1 Reasons for decline.</li> </ul>

## ELECTRONIC SIGNATURE

Author	REBECCA SCAMMELL
Approver(s)	NARELLE WATSON