

# HIP TIP

## Tip Sheet Category

Click the text and a dropdown will appear.

Select a category from the dropdown.

Inpatient

Provider

## Ordering HLA Tests

HLA testing should be ordered using order sets. They can be found by searching “HLA Renal Transplant”, “HLA Non-Renal Transplant”, “HLA Transfusion Support”, or “HLA Disease Association”.

You will find that orders have conditions preselected for you. This is information that is needed by the HLA lab to guide specific testing.

**\*\*\*Please do not change the answers as they are specific to the test selected or deselect any pre-checked tests.\*\*\***

For each orderable, a performable test must go to Histotrac and a collection task(s) must go to Cerner. Testing cannot be completed without both parts of the order.

In some cases you will be required to enter donor or recipient information. This data collection is necessary and is taking the place of the manual orders you are accustomed to using.

## Try it Out:

1. Open a patient’s chart and go to the **Orders** activity.
2. Search for “HLA.”

Order and Order Set Search

HLA

Browse Preference List Facility List

Search order sets by user

| Name                                      | User Version Name | Type      |
|---|-------------------|-----------|
| HLA Testing for Disease Association       |                   | Order Set |
| HLA testing for Non-Renal Transplantation |                   | Order Set |
| HLA testing for Renal Transplantation     |                   | Order Set |
| HLA Testing for Transfusion Support       |                   | Order Set |

Medications (No results found)

Procedures (No results found)

Select And Stay Accept Cancel

- **HLA Testing for Disease Association:** HLA typing to identify risk alleles associated with certain diseases.
  - **HLA Testing for Non-Renal Transplantation:** HLA typing and antibody screen for bone marrow transplantation and non-renal solid-organ transplantation (e.g. heart, lungs, liver, etc.)
  - **HLA Testing for Renal Transplantation:** HLA typing and antibody screen for renal transplant patient and donor.
  - **HLA Testing for Transfusion Support:** HLA typing and antibody screen for platelet refractoriness and TRALI work-up.
3. Open the appropriate orderset.
  4. Within the orderset you will have the option to place orders for Outpatient, Inpatient, or Both.
    - Go to the inpatient or outpatient testing menu depending on the setting.

The screenshot shows the 'Orders' section of the Epic1 interface. At the top, there's a 'Clear All Orders' button. Below it, a message states 'Multiple Versions of User Order Sets' with a 'Learn More' link. The main section is titled 'HLA testing for Non-Renal Transplantation' and includes a 'Manage My Version' link. Under this title, there are three expandable sections: 'Inpatient Testing' (with 'Inpatient Orders' and a 'click for more' link), 'Outpatient Testing' (with 'Outpatient Orders' and a 'click for more' link), and 'Additional Orders'. A search bar is located below these sections with the placeholder text 'You can search for an order by typing in the header of this section.' At the bottom left is a 'Close' button, and at the bottom right are 'Previous' and 'Next' navigation buttons.

5. Select where the testing will take place and follow the prompts associated with the test.

### General organization of the transplant related testing:

- Tests are organized by type of transplant, and then by patients (or recipients) and donors.
- In general, orders for patient testing and donor testing need to be placed in patient's chart and donor's chart respectively.
- Tests for patients undergoing renal or other solid-organ transplantation are grouped into a) those performed for new patients, b) those for patients awaiting transplantation (pre-transplant), and c) those for post-transplant monitoring.
- For crossmatch and donor-specific antibody testing, donor identity will be required for the laboratory to perform the test. For donor testing, patient identity will be required for the laboratory to pair the donor with the corresponding recipient. Please fill out the information following the instruction in the pop-up window.

*Outpatient Testing example:*

**Orders** ↑

Order Sets Clear All Orders

HLA testing for Non-Renal Transplantation Manage My Version ▾ ⌵

▼ **Outpatient Testing**

▼ **Outpatient Orders**

☒ Bone Marrow Transplant

☒ Patient

☒ Patient, Pre-Transplant HLA Testing

☐ LR HLA Typing (Class I and Class II), Patient, Pre-Transplant

☐ HR HLA Typing (Class I and Class II), Patient, Pre-Transplant

☐ Antibody Screen - SAB (Class I and Class II)

☐ HLA Confirmatory Typing, Patient, Pre-Transplant

☐ Donor

☐ Patient, Non-Renal, Solid-Organ Transplant

▼ **Inpatient Testing**

▶ **Inpatient Orders** click for more

▼ **Additional Orders**

Search

*You can search for an order by typing in the header of this section.*

✓ Close ↑ Previous ↓ Next

*Inpatient Testing Example:*

HLA testing for Renal Transplantation ⌵

This order set is used for Renal Transplantation HLA testing.

▼ **Outpatient**

▶ **Outpatient Testing** click for more

▼ **Inpatient**

▼ **Inpatient Testing**

☐ New Renal Patient

☒ Pre-transplant, Renal Patient

Order Antibody Screen in all situations. Order HLA Crossmatch as indicated.

☒ Antibody Screen

☒ Antibody Screen by PRA or SAB per Schedule (Class I and Class II)

Once First occurrence Today at 1044, Blood

Patient Type: Patient

Patient Category: Renal

Patient Status: Pre-transplant

☒ Collection Task for HLA Antibody Screen

Once First occurrence Today at 1044, Blood

☐ HLA Crossmatch

☐ Post-transplant, Renal Patient

☐ Pre-transplant, Renal Donor

▼ **Additional Orders**

Search

*You can search for an order by typing in the header of this section.*

✓ Close ↑ Previous ↓ Next

Orders

Order Sets

HLA testing for Non-Renal Transplantation

Manage My Version

▼ Outpatient Testing

► Outpatient Orders

click for more

▼ Inpatient Testing

▼ Inpatient Orders

☒ Bone Marrow Transplant
 

☐ Patient
 

☒ Donor
 

☐ Donor - Haplo
 ☐ Donor - Related
 ☐ Donor - NMDP/unrelated
 ☐ HLA Confirmatory Typing - Donor, Pre-Bone Marrow Transplant

☐ Patient, Non-Renal, Solid-Organ Transplant

▼ Additional Orders


Search

You can search for an order by typing in the header of this section.

Close

Previous

Next

**Note:** A required field  may need to be addressed depending on the selections chosen above.

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4