

HLA WORKUP
LIVING
DONOR
INITIAL

Orderable - HLA Workup Living Donor- Initial

Turnaround Time: 14 days

STAT: 1-3 days

Alternate Name(s):

Initial Kidney Living donor Crossmatch and HLA Typing

Specimen:

Donor Requirements:

14 x 6mL Sodium Heparin (dark green tops, no separator gel)

2 x 4 mL Lavender (EDTA) top Vacutainer tubes

Note: Smaller volumes apply for paediatric patients. Contact the Transplant Laboratory for details: 519-663-3320



Laboratory:
Transplant Lab



Requisition:
[TRANSPLANT
LABORATORY
REQUISITION](#)



Method of Analysis:
HLA Class I and Class II typings are performed using molecular techniques (RSSO or SSP). Crossmatches are performed using flow cytometry.



Test Schedule:
As required Monday to Friday except Stat holidays

Collection Information:

Living donor crossmatches are performed only for patients in one of the London Transplant Programs and must be booked in advance by calling the laboratory. (519-663-3320)

It is preferable to have the living donors bled at the UH LTC. However, shipped samples may be accepted in rare cases.

Reference Ranges:

Living Donor Crossmatch: Negative / Borderline / Positive

Interpretive Comments:

A positive flowcytometry crossmatch indicates the likely presence of donor specific antibodies.

Comments:

Living donor transplant workups are coordinated by the Living Donor Transplant Coordinator who can be contacted via the LHSC switchboard (519-658-8500)

Storage and Shipment:

Living donor samples are usually drawn in the Lab Test Centre (UH) and delivered immediately to the Transplant Laboratory at room temperature. Shipped living donor samples must be kept at room temperature and delivered within 24 hours.