

HLA TRANSFUSION REFRACTORY

Orderable - HLA Transfusion Refractory

Turnaround Time: 1-3 days

STAT: Same day if blood is received in the laboratory before 0900

Specimen:

6 mL Red top Vacutainer tube - No additives or separator gel

Collection Information:

Draw pre-dialysis (if applicable) and by venipuncture to avoid contamination with anticoagulants.

Reference Ranges:

Antibodies detected or not detected

Any HLA antibodies that were detected will be reported in the comment field in Cerner as Weak, Moderate and Strong based on MFI values.

Interpretive Comments:

Anti-HLA antibodies indicate sensitization to potential donors and some blood products

Comments:

This test is ordered for recipient antibody identification in preparation for receiving HLA matched platelets

Critical Information Required:

HLA typing of patient

Indicate if the patient is undergoing therapy with products or medication containing therapeutic antibodies such as Rituxan, Campath, Eculizumab, IVIG, OKT3, ALG, etc. as these may interfere with the results.

Indicate if the patient has had any sensitizing events such as blood transfusions,



Laboratory:
Transplant Lab



Requisition:
[TRANSPLANT
LABORATORY
REQUISITION](#)



Method of Analysis:
Solid bead technology
using the Luminex®
platform



Test Schedule:
As required Monday to
Friday except Stat
holidays

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previous transplants, pregnancies etc. as these could influence the interpretation of the results.

Also indicate if the patient is undergoing a change in immunosuppression regime or is being treated by plasma exchange since these actions may explain fluctuations in results.

Storage and Shipment:

Samples drawn at LHSC are delivered to the Transplant Laboratory at room temperature.

Samples for **Antibody Testing** (1 red top) drawn outside of LHSC must be spun and the serum removed and frozen. Ship on dry ice if shipping requires >24 hours. Ship frozen on freezer packs if the sample will be received in < 24 hours.