

HLA PRE- OP LIVER RECIPIENT

Orderable - HLA Pre-op Liver

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.

The patients are usually bled at UH on the floor as part of their pre-op workup prior to going to the OR.

Reference Ranges:

cPRAs: 0-100% (HLA Antibody Testing)
DSA detected or not detected

Antibodies with MFI>5000 reported as unacceptable
Only strong (unacceptable) will be used to calculate cPRA SUBJECT TO CHANGE

Antibodies with 5000>MFI>1000 will be reported as weak/indeterminate. SUBJECT TO CHANGE

Interpretive Comments:

Anti-HLA antibodies indicate sensitization to potential organ donors and some blood products. Antibodies directed against donor HLA antigens may predict a risk of rejection

Comments:

Patients that are being prepared for a Liver Transplant should have this pre-op test ordered prior to transplant.

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Critical Information Required:

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, 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.

Pre-op serum samples will be stored in the laboratory, should further testing be required.