

HLA ANTIBODY SCREEN

Orderable – HLAS / LXab

Turnaround Time: 14 days

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

Alternate Name(s):

PRA (Panel Reactive Antibodies)

HLA Monthly Serum

Specimen:

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

Collection Information:

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

Routine samples for patients on the Kidney Transplant Waiting List should be drawn and shipped on the Monday and Tuesday of the 3rd week of the month.

Reference Ranges:

0-100%

Specificity testing: Individual antibodies will be listed in TGLN for patients on the transplant lists. Transfusion Refractory Test results will be listed in Cerner.

Interpretive Comments:

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

Special Processing:

Samples will be stored in the laboratory when received.



Laboratory:
Transplant Lab



Requisition:
[TRANSPLANT
LABORATORY
REQUISITION](#)



Method of Analysis:
cPRA determinations are determined with the TGLN or CBS cPRA calculator and are based on specificities detected with solid phase bead technology using the Luminex® platform.



Test Schedule:
As required Monday to Friday except Stat holidays



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Comments:

Patients that are being assessed for placement on the LHSC or CBS Kidney, Kidney/Pancreas, Pancreas, Liver/Kidney, Liver or Heart waiting list should have this test ordered.

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.

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.