
Lab Dept: Serology

Test Name: HLA ANTIBODY (PRA)

General Information

Lab Order Codes: PRA

Synonyms: ALA; Donor Specific Antibody (DSA); HLA Class I/II Antibody; PRA (Panel Reactive Antibody); WBC Antibody; White Cell Antibody

CPT Codes: No charge if the transplant was at the UM.

Test Includes: Patient's serum tested against purified HLA antigens to determine the presence of HLA Class I and/or HLA Class II antibody. Reflex testing, as determined by the laboratory, to determine the percent reactivity and/or specificity of the HLA antibodies present.

Logistics

Test Indications: Useful for detection of HLA Class I and/or Class II antibodies in patient serum. High levels of HLA antibody may result in difficulty in finding a compatible organ donor.

Lab Testing Sections: Serology - Sendouts

Referred to: Fairview University Labs (Fairview test code: PRA)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: Results are reported with 7 days.

Special Instructions: Collect specimen prior to dialysis. Do not collect specimen if patient has received anti-thymocyte globulin, OKT3 or Campath recently; these drugs may cause false positive results.

Specimen

Specimen Type: Blood

Container: Red-top (NO GEL) tube

Draw Volume:	Minimum: 15 mL blood for adult Minimum: 9 mL blood for pediatrics
Processed Volume:	Same as Draw Volume
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge and aliquot minimum 5 mL (3 mL for pediatric) serum. Store refrigerated and ship at room temperature. Protect from temperature extremes.
Patient Preparation:	None
Sample Rejection:	Gross hemolysis; immunosuppression drug interference; mislabeled or unlabeled specimens

Interpretive

Reference Range:	N/A
Critical Values:	N/A
Limitations:	N/A
Methodology:	Luminex solid phase assay
References:	Fairview-University (April 2016)