**Lab Dept:** Serology  
**Test Name:** HLA ANTIBODY (PRA)

### General Information

**Lab Order Codes:**  
- PRA  
- PRADS (Solid Organ Transplant)  
- PRABM (Bone Marrow Transplant)

**Synonyms:**  
AL; 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: PRAIGG, PRADSA, PRABMR)

**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: 14 mL blood for adult  
Minimum: 3 mL blood for pediatrics

**Processed Volume:**  
Same as Draw Volume

**Collection:**  
Routine venipuncture

**Special Processing:**  
Lab Staff: DO NOT centrifuge.  
Deliver unopened tube(s) to Sendouts.  
Send as whole blood.  
Store 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](#) (November 2019)

**Updates:**  
11/22/2019: Updated minimum volume for pediatrics. Previously processed as serum, now sent as whole blood.  
10/2/2020: Added info for specific transplant types