**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 |
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<td><strong>Processed Volume:</strong></td>
<td>Same as Draw Volume</td>
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<td><strong>Collection:</strong></td>
<td>Routine venipuncture</td>
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| **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](https://www.fairview-university.com) (April 2016) |