

HLA- PANEL REACTIVE IgG ANTIBODIES - SCREEN (Luminex X- Map technology)		
Class I Antibodies	Negative / Weak / Moderate / Strong Positive	Negative
Class II Antibodies	Negative / Weak / Moderate / Strong Positive	Negative

Interpretation

RESULT	PERCENTAGE PRA
Negative	<4
Weak Positive	4-10
Moderate Positive	11-50
Strong Positive	>50

Note

1. All moderately & strongly positive results to be further evaluated by Quantitative Class I / II PRA test .
2. A sensitizing event such as infection or transfusion may lead to a positive result.
3. This is the recommended test for all patients awaiting Cadaver Transplants
4. This assay is a screening test which is not recommended for monitoring immunosuppressive therapy. The recommended test is PRA Quantitative or Donor Specific Antibody (DSA) test.
5. Test conducted on serum

Comments

Panel Reactive Antibodies (PRA) are a measure of patient sensitization. Patients develop anti-HLA antibodies by sensitization through previous transplants, blood transfusions, infections and pregnancy. The test may be used for regular follow up of patients waiting for Renal transplantation and also for Post transplant follow up. In the latter case if the previously negative sample shows positive results, further testing for Donor Specific Antibodies (DSA) or Quantitative PRA may be performed.