

Name	: Mr. #RAMPAL	Collected	: 11/3/2017 12:00:00AM
Lab No.	: 134315260	Age: 30 Years	Gender: Male
A/c Status	: P	Ref By: Unknown	Report Status :
		Received	: 11/3/2017 11:08:31AM
		Reported	: 11/3/2017 12:05:18PM

Name of Donor	: DUMMY	Donor Lab No.	: 134315262	Age :	Gender : Unknown
Relation	: Not mentioned	Diagnosis	: Not mentioned		

DONOR SPECIFIC IgG HLA ANTIBODIES CLASS I & II
(Luminex Fluoro-beads X-Map)

ANTI-HLA IgG ANTIBODIES	MFI (Mean Fluorescence Intensity)	RESULT
CLASS I	<500	Negative
CLASS II	<500	Negative

FINAL RESULT: Negative for HLA Class I & II IgG DSA.

Interpretation

MFI	REMARKS
<500	Negative
500-<1000	weak Positive
1000-2000	Positive
>2000	Strong Positive

Note

1. This assay detects only Anti HLA IgG antibodies against HLA A, B (class I) and HLA DRB1 (class II) antigens.
2. Presence of IgG DSA may lead to hyperacute, acute or chronic antibody mediated rejection for solid organs and may cause delayed engraftment in Bone Marrow Transplantation.
3. A pretransplant DSA helps to discern between preexisting anti DSA from those antibodies that develop post transplant.
4. The test is valid for 72 hours only . Sensitizing events like blood transfusion, pregnancy, vaccination and change in immunosuppression may affect the DSA levels.
5. Anti Thymocyte Globulin (ATG) administration can interfere with results. It is recommended to perform the test at least one week after the last dose.
6. Results must be correlated clinically and also with the results of other antibody detection tests.
7. Positive DSA result is not a contraindication to renal transplant but only represents additional risk of rejection. These patients will require close post transplant monitoring.
8. PRA screen is a useful adjunct to detect anti DQB1 and anti HLA C reactivity.

Comment



Name :	Mr. #RAMPAL	Collected :	11/3/2017 12:00:00AM
Lab No. :	134315260	Age: 30 Years	Gender: Male
A/c Status :	Ref By : Unknown	Received :	11/3/2017 11:08:31AM
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		Report Status :	

Name of Donor	DUMMY	Donor Lab No.	134315262	Age :	Gender : Unknown
Relation	: Not mentioned	Diagnosis	: Not mentioned		

This assay detects IgG antibodies against both Class I and II HLA antigens present on lymphocyte cell surface. It is recommended to perform Donor Specific Antibodies (DSA) along with conventional cross match. Persistent post transplant DSA may lead to Transplant glomerulopathy. For exact derivation of antibody titers in serum additional testing is recommended.

Prof. Dr. Jasmeet Kaur
MD (Path), PhD (HLA & Transplant -
Immuno)
HOD – Histocompatibility & Transplant
Immunology

Result/s to follow:
DONOR SPECIFIC IgG HLA ANTIBODIES CLASS I & II

