

Name of Patient : Mr. Patient (Dummy) **Age** : 20 Yrs **Gender** : Male
Name of Donor : Mr. Donor (Dummy) **Age** : 20 Yrs **Gender** : Male
Referred by : Dr. ABCD **Relation** : Not mentioned
Lab No : 17 134315261/259 **Collection date** : 10.03.2017
Report at : LPL-NRL, ROHINI **Reporting Date** : 11.03.2017
Diagnosis : ESRD, CKD V

T AND B CELL CROSS MATCH REPORT
 (Complement Mediated Cytotoxicity with DTT treatment)

A). Auto Cross Match (Recipient cells and Recipient Serum):

IgM Antibodies **Negative**

B). Cross Match with Dithiothreitol (DTT) Treatment (Donor cells and Recipient serum):

T cell cross match:			Ref. Range
At 4°C.	5	%	(<20%)
At Room Temperature	5	%	(<20%)
B cell cross match:			
At 4°C.	5	%	(<20%)
At Room Temperature	5	%	(<20%)

FINAL RESULT: T and B cell cross match negative at both 4°C and Room Temperature.

PHOTOGRAPH OF
 PATIENT

PHOTOGRAPH OF
 DONOR

DR. ATUL THATAI
 PhD
 HOD - Molecular Diagnostics

Prof. DR. JASMEET KAUR
 MD (PATH), PhD (Transplant - Immunology & Immunogenetics)
 HOD - Histocompatibility & Transplant Immunology

DR. VANDANA LAL
 MD (PATH), IFCAP
 Chief of Pathology

Interpretive guide:

1. Donor lymphocytes showing more than 20% cell death over the background constitutes a positive cross match.
2. Donor lymphocytes negative with negative control but positive in any dilution constitutes a positive cross match.
3. B cell cross-matches are controversial. High titre B cell antibodies in a recipient may be detrimental to graft survival.
4. Presence of IgM autoantibodies is not a contraindication to transplantation.
5. The test is valid for 72 hours only, and ideally Lymphocyte cross match must be repeated if patient is exposed to a sensitizing event like blood transfusion, infections, pregnancy etc.

Note: Test conducted on serum and ACD whole blood.

If test results are alarming or unexpected, Client is advised to contact the laboratory immediately for possible remedial action.
 @ Tests conducted at National Reference Lab, New Delhi. a CAP (7171001), ISO (FS 60411) and NABL (M-0961) accredited lab.