

## TRANSPLANT IMMUNOLOGY

### PATIENT DETAILS

(In BLOCK letters)

Full Name

DOB   /   /          Age   /        Gender  M  F      Blood Group

Disease

#### Patient Sample Information

Collection Date   /   /          Time   AM / PM      Contact No.

Requesting Physician

Ethenticity     Asian     Indian     African     Caucasian     Other

### DONOR DETAILS

(In BLOCK letters)

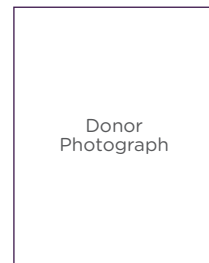
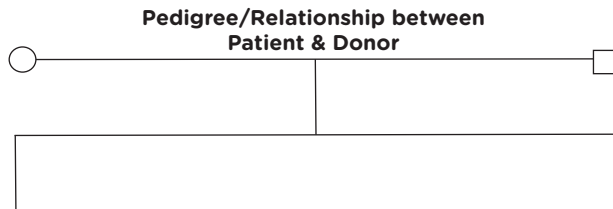
Full Name

DOB   /   /          Age   /        Gender  M  F      Blood Group

Ethenticity     Asian     Indian     African     Caucasian     Other

#### Mandatory Documents of Patient & Donor :

Aadhar Card     Voter ID     Birth Certificate     Ration Card     PAN Card



Send Report To

Address

City       State       Zip Code

E-mail ID       Contact No.

### PATIENT MEDICAL INFORMATION

Does the patient have an autoimmune disease (i.e.:Lupus)  Yes  No      If yes, specify.....  
Medical Diagnosis (specify).....

Previous Transplant  Yes  No      Organ.....      Donor ID.....      Tx Date.....

Did the patient receive blood products (ever) ?  Yes  No  Unknown      Date last received.....

Did the patient have pregnancies / miscarriages?  Yes  No  Unknown      # of Pregnancies / Miscarriages

Did the patient receive any antibody based therapy (i.e. ATG, IVIg, Rituximab, Basiliximab, etc.)?  Yes  No  
Specify.....      Date last received.....

## TEST REQUESTED FOR

### NGS BASED TYPING (HIGH RESOLUTION) [ SPECIMEN : 8 ML EDTA BLOOD SAMPLE (PURPLE TOP), TAT - 7 DAYS ]

- HLA typing A, B, C, DR & DQ (DPB - if required)       HLA G

### LUMINEX BASED TYPING (LOW RESOLUTION) [ SPECIMEN : 8 ML EDTA BLOOD SAMPLE (PURPLE TOP), TAT - 3 DAYS ]

- HLA typing A,B,C,DR & DQ       HLA (DRB1 / DQA1)  
 HLA typing A, B, DR       HLA B5\*(51/52)  
 HLA typing DRB3,DRB4 & DRB5       HLA-DQB1 (DQ2/DQ8) and HLA-DQA1 for Celiac Disease

### SPECIMEN : DONOR - 10ML HEPARIN SAMPLE (GREEN TOP) RECIPIENT - 4 ML PLAIN TUBE / ECD TUBE SERUM SAMPLE (RED TOP OR YELLOW TOP) - TAT - 3 DAYS

- Compliment dependent cross-matching (CDC crossmatching)
- Total Lymphocyte cross-matching
  - T cell lymphocyte cross-matching- AHG\*
  - B cell lymphocyte cross-matching -AHG\*
  - Auto patient's cross-matching
  - Auto donor cross-matching
  - DTT treated serum cross-matching
  - \* Anti-human globulin (AHG) crossmatch"
- Donor Specific Antibody (DSA) By Luminex
- Flow cytometry cross-matching :
- T cell lymphocyte
  - B cell lymphocyte

### SPECIMEN : RECIPIENT - 4 ML PLAIN TUBE (RED TOP) ECD TUBE SERUM SAMPLE (RED TOP OR YELLOW TOP) - TAT - 3 DAYS

- Panel reactive antigen HLA-Class-I and HLA-Class-II (PRA) By Luminex:       Antibody Screening for HLA Class-I & Class-II (Labscreen)
- Single antigen panel for HLA-Class I and HLA-Class (SAP) (By Luminex):       Single MICA Antigen Panel

### DISEASE ASSOCIATION - SPECIMEN : 10 ML EDTA (PURPLE TOP), TAT - 3 DAYS

- HLA-A 2901/2902 for Birdshot Retinopathy
- HLA-B\*27 for Ankylosing Spondylitis
- HLA-B\*51 for Behcet's Disease
- HLA-B\*5701 for Abacavir Sensitivity
- HLA-DQB1\*0602 for Narcolepsy
- HLA\*15:02 (Carbamazepine)
- HLA-B\*5801 for Allopurinol Induced Stevens-Johnson Syndrome Risk
- HLA-DQB1(DQ2/DQ8) and HLA-DQA1 for Celiac Disease Risk
- HLA-DRB1\*1501/1502 for Anti-glomerular Basement Membrane Disease
- DNA Profiling for Patient and Donor Relationship Establishment (STR Analysis)

### HLA TYPING-CUSTOMIZED - SPECIMEN : 10 ML EDTA

- Molecular Typing-Single Locus (specify) Locus: \_\_\_\_\_
- Resolution :  High  Low

**\* The Participant has consent for samples to be stored for further investigations/diagnosis/research for a limited period of time.**

**All HLA Typing services include DNA extraction and storage.**

\* Sample should be freshly collected.

\* Sample should be collected after 4hour fasting

Patient Name: \_\_\_\_\_

Consultant Name: \_\_\_\_\_

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

### REMARKS

For office use only Rec'd Date & Time	Tech Initials	# ACD	# Clots	# Na Heparin	Comment

## Neuberg Centre for Genomic Medicine (NCGM)

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