



# Institute of Biomedical & Genetic Engineering

24 Mauve Area, G-9/1, Islamabad 44000, Pakistan

E-mail: [director@ibge.edu.pk](mailto:director@ibge.edu.pk)

Phone: +92-51-910 6281, +92-51-910 6285, Fax: +92-51-910 6283

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Issue No:2

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## -HLA

Class I & Class II

## -HCV

Qualitative, Quantitative  
Genotyping, IL28-B

## -HBV

Qualitative &  
Quantitative

## -DNA test

Paternity & Forensic

## -β Thalassemia

Genetic profiling for  
known & unknown  
mutations, Xmn1<sup>-VG</sup>

## -Karyotyping

## Specialized Tests:

### -FLT-3

### -BCR-ABL

### -Huntington

### -HLA-B27

### -Celiac: (DQB1\*02, DQ8)

### -Narcolepsy:

(DRB15, DQB1\*06)

### -Abacavir Hypersensitivity:

(B\*5701)

### -Carbamazepine

### Hypersensitivity:

(B15\*02)

### -Histoplasmosis syndrome:

(B\*07, DRB1\*15)

### -AMPPE:

(A29, B\*07, DRB1\*15)

### -Behcet's Syndrome:

(B5, BW51)

### -Renal Disease: (B\*54)

Name: Tahira		Gender: Female	Date: 12/12/2018
Cash Receipt No: 18798	Age:	IBGE ID: TPA961	

## Transplantation Antigens for HLA class I loci (A & B) and class II loci (DRB1 and DQB1)

A\*01, A\*11

B\*08, B\*35

DRB1\*03, DRB1\*14

DQB1\*02, DQB1\*05

IC-I&H

for *Dr. Muhammad Ismail*  
Dr. Muhammad Ismail  
Director, IBGE, Islamabad

## Procedural Considerations:

HLA typing is carried out using DNA-based medium resolution sequence specific polymerase chain reaction method.