



# European Federation for Immunogenetics Accreditation Programme

CERTIFIES THAT

Centro de Sangue e Transplantação de Coimbra, Área da Transplantação  
Inst. Portugues do Sangue e da Transplantação, São Martinho do Bispo  
COIMBRA - PORTUGAL (10-PT-002.998)

WITH EFI DIRECTOR(S)

**Dr. António MARTINHO, Institute Director**  
**Dr. Maria Antónia ESCOVAL, Institutional Director**

HAS MET THE REQUIREMENTS SPECIFIED IN THE EFI STANDARDS  
FOR HISTOCOMPATIBILITY & IMMUNOGENETICS TESTING VERSION 8.0

This Certificate is valid from 26 May 2024 to 26 May 2025

### Clinical Categories:

#### Renal and/or Pancreatic Transplantation:

|                         |     |
|-------------------------|-----|
| Recipient Typing        | Yes |
| Antibody Screening      | Yes |
| Antibody Identification | Yes |
| Donor Typing            | Yes |
| Cross-matching          | Yes |

#### Other Solid Organ Transplantation:

|                         |     |
|-------------------------|-----|
| Recipient Typing        | Yes |
| Antibody Screening      | Yes |
| Antibody Identification | Yes |
| Donor Typing            | Yes |
| Cross-matching          | Yes |

#### Haematopoietic Stem Cell Transplantation:

|  |     |
|--|-----|
| Donor Registry Typing                    | Yes |
| Related Transplantation                  | Yes |
| Unrelated Transplantation                | Yes |
| Cord Blood Typing                        | -   |
| Cross-matching                           | Yes |
| Chimaerism and engraftment<br>monitoring | Yes |

|                              |     |
|------------------------------|-----|
| Disease Association Studies: | Yes |
| Transfusion:                 | -   |

### Technical Categories:

#### Class I Typing by:

|                |     |
|----------------|-----|
| CDC            | -   |
| Flow cytometry | -   |
| DNA (low)      | Yes |
| DNA (high)     | Yes |
| PCR-SSP        | Yes |
| PCR-SSO        | Yes |
| SBT Sanger     | -   |
| SBT NGS        | Yes |

#### Class II Typing by:

|            |     |
|------------|-----|
| CDC        | -   |
| DNA (low)  | Yes |
| DNA (high) | Yes |
| PCR-SSP    | Yes |
| PCR-SSO    | Yes |
| SBT Sanger | -   |
| SBT NGS    | Yes |

#### HNA Typing:

|             |   |
|-------------|---|
| HNA Typing: | - |
|-------------|---|

#### HPA Typing:

|             |   |
|-------------|---|
| HPA Typing: | - |
|-------------|---|

#### MICA Typing:

|              |   |
|--------------|---|
| MICA Typing: | - |
|--------------|---|

#### KIR Typing:

|             |   |
|-------------|---|
| KIR Typing: | - |
|-------------|---|

### Technical Categories:

#### HLA Antibody

##### Detection by:

|                |     |
|----------------|-----|
| CDC            | Yes |
| Flow cytometry | -   |
| ELISA          | -   |
| Bead array     | Yes |

#### HLA Antibody

##### Identification by:

|                |     |
|----------------|-----|
| CDC            | -   |
| Flow cytometry | -   |
| ELISA          | -   |
| Bead array     | Yes |

#### HLA Crossmatching by:

|                |     |
|----------------|-----|
| CDC            | Yes |
| Flow cytometry | Yes |
| ELISA          | -   |
| Bead array     | -   |

#### HNA antibodies:

|                 |   |
|-----------------|---|
| HNA antibodies: | - |
|-----------------|---|

#### HPA antibodies:

|                 |   |
|-----------------|---|
| HPA antibodies: | - |
|-----------------|---|

#### MICA antibodies:

|                  |   |
|------------------|---|
| MICA antibodies: | - |
|------------------|---|

EFI Commissioner Approval Date: 19-04-2024

Dr. Ann-Margaret Little  
President

Dr. Blanka Vidan-Jeras  
Chair, Accreditation Committee