



European Federation for Immunogenetics Accreditation Programme

CERTIFIES THAT

Centro de Sangue e Transplantação de Lisboa, IPST-IP
Hospital Pulido Valente
LISBON - PORTUGAL (10-PT-001.999)

WITH EFI DIRECTOR(S)

Dr. Luís RAMALHETE, Institute Director
Dr. Maria Antónia ESCOVAL, Institutional Director

HAS MET THE REQUIREMENTS SPECIFIED IN THE EFI STANDARDS
FOR HISTOCOMPATIBILITY & IMMUNOGENETICS TESTING VERSION 8.1

This Certificate is valid from 27 February 2026 to 27 February 2027

Clinical Categories:

Renal and/or Pancreatic

Transplantation:

Recipient Typing	Yes
Antibody Detection	Yes
Antibody Identification	Yes
Donor Typing	Yes
Crossmatching	Yes

Other Solid Organ

Transplantation:

Recipient Typing	Yes
Antibody Detection	Yes
Antibody Identification	Yes
Donor Typing	Yes
Crossmatching	Yes

Haematopoietic Stem Cell

Transplantation:

Donor Registry Typing	Yes
Related Transplantation	Yes
Unrelated Transplantation	Yes
Cord Blood Typing	-
Antibody Detection	Yes
Antibody Identification	Yes
Crossmatching	-
Haemopoietic Chimaerism and Engraftment (HCE) Monitoring	Yes

Disease Association Studies:	Yes
Transfusion:	--

Technical Categories:

HLA Class I Typing by:

CDC	-
Flow cytometry	-
DNA (low res.)	Yes
DNA (high res.)	Yes
PCR-SSP/RT qPCR	Yes
PCR-SSO	-
SBT Sanger	-
SBT NGS	Yes

HLA Class II Typing by:

CDC	-
DNA (low res.)	Yes
DNA (high res.)	Yes
PCR-SSP/RT qPCR	Yes
PCR-SSO	-
SBT Sanger	-
SBT NGS	Yes

MICA Typing by:

PCR-SSP/RT qPCR	-
PCR-SSO	-
SBT Sanger	-
SBT NGS	--

KIR Typing by:

PCR-SSP/RT qPCR	-
PCR-SSO	Yes
SBT Sanger	-
SBT NGS	-

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	-

MICA Antibodies by:

Flow cytometry	-
ELISA	-
Bead array	-

HPA Typing:

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HPA Antibodies:

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HNA Typing:

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HNA Antibodies:

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EFI Inspection 29-05-2026

Dr. Marco Andreani
EFI President

EFI Commissioner Approval Date: 10-08-2026

Dr. Blanka Vidan-Jeras
EFI Accreditation Committee Chair