



European Federation for Immunogenetics Accreditation Programme

CERTIFIES THAT
HLA-Laboratory, Institute for Transfusion Medicine
University Hospital Essen
ESSEN - GERMANY (04-DE-004.996)

WITH EFI DIRECTOR(S)
Prof. dr. med. Monika LINDEMANN
Dr. Falko HEINEMANN

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

This Certificate is valid from 06 September 2026 to 06 September 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	Yes
Antibody Detection	Yes
Antibody Identification	Yes
Crossmatching	-
Haemopoietic Chimaerism and Engraftment (HCE) Monitoring	Yes

Disease Association Studies: Yes

Transfusion: Yes

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	Yes
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	Yes
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	-
SBT Sanger	-
SBT NGS	-

Technical Categories:

HLA Antibody

Detection by:

CDC	Yes
Flow cytometry	-
ELISA	-
Bead array	Yes

HLA Antibody

Identification by:

CDC	Yes
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:

	Yes
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HNA Typing:

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HNA Antibodies:

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NGS Typing for Donor Registry (technical - NGS performed in Martinsried, raw data transfer to Essen)
04-DE-065.935 - Martinsried

Dr. Marco Andreani
EFI President

EFI Commissioner Approval Date: 26-07-2026

Dr. Blanka Vidan-Jeras
EFI Accreditation Committee Chair