



# 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)  
**Professor Peter HORN**  
**Prof. dr. med. Monika LINDEMANN**

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

**This Certificate is valid from 06 September 2023 to 06 September 2024**

### 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	Yes
Cross-matching	-
Chimaerism and engraftment monitoring	Yes

Disease Association Studies:	Yes
Transfusion:	Yes

### Technical Categories:

#### Class I Typing by:

CDC	Yes
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:

#### HPA Typing:

#### MICA Typing:

#### KIR Typing:

HNA Typing:	-
HPA Typing:	-
MICA Typing:	-
KIR Typing:	-

### 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	-

#### HNA antibodies:

#### HPA antibodies:

#### MICA antibodies:

HNA antibodies:	-
HPA antibodies:	Yes
MICA antibodies:	-

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

EFI Commissioner Approval Date: 08-10-2023

*Ann Margaret Little*

Dr. Ann-Margaret Little  
President

*Blanka Vidan-Jeras*

Dr. Blanka Vidan-Jeras  
Chair, Accreditation Committee