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LIST OF ABBREVIATIONS

AABB	: American Association of Blood Banking.
AHTRs	: Acute hemolytic transfusion reactions
AIDS	: Acquired immune deficiency syndrome
ALA	: Anti-lymphocyte antibody
AML	: Acute myeloid leukemia
AO	: Acridine orange
APCs	: Antigen-presenting cells
ARDS	: Acute respiratory distress syndrome
BM	: Bone marrow
BMT	: Bone marrow transplant
CDC	: Complement-dependent cytotoxicity
CI	: Confidence interval
CMV	: Cytomegalovirus
CNS	: Central nervous system
DAT	: Direct antiglobulin test
DHTRs	: Delayed hemolytic transfusion reactions
DIC	: Disseminated intravascular coagulation
DVT	: Deep vein thrombosis
EB	: Ethidium bromide
ELISA	: Enzyme Linked Immunosorbent Assay
FE	: Fisher Exact test
FITC	: Fluorescein isothiocyanate
FNHTRs	: Febrile non-hemolytic transfusion reactions
H₂SO₄	: Sulphuric acid
Hb	: Haemoglobin
HBsAg	: Hepatitis B surface antigen
Hct	: Hematocrit
HCV	: Hepatitis C virus
HIV	: Human immunodeficiency virus
HLA	: Human leucocytic antigens
HNA	: Human neutrophil alloantigens
HPLC	: High-performance liquid chromatography

HRP	: Horseradish peroxidase enzyme
HSM	: Hepatosplenomegaly
Ig	: Immunoglobulin
IL	: Interleukin
kDa	: Kilodalton
LCA	: Lymphocytotoxic antibodies
LCT	: Lymphocytotoxic test
Mb	: Megabases
MC	: Monte Carlo test
MCH	: Mean corpuscular haemoglobin
MCV	: Mean corpuscular volume
MHC	: Major histocompatibility complex
NaCl	: Sodium chloride
OD	: Optical density
OR	: Odds ratio
PE	: Phycoerythrin
PG	: Prostaglandins
PRA	: Panel reactive antibody
PRBCs	: Packed red blood cells
RBCs	: Red blood cells
RES	: Reticuloendothelial system
Rpm	: Revolutions per minute
R-PE	: R- Phycoerythrin
SAB	: Single antigen bead
SCT	: Stem cell transplantation
t	: Paired test
TCR	: T cell receptor
TMB	: Tetramethylbenzidine
TNF	: Tumour necrosis factor
TRALI	: Transfusion-related acute lung injury
TTI	: Transfusion transmitted infection
UV	: Ultraviolet
WBCs	: White blood cells

χ^2 : Value for Chi square
Z : Mann-Whitney test