Guidelines for the Blood Transfusion Services

Abbreviations

http://www.transfusionguidelines.org/red-book/abbreviations

Abbreviations

2,3-DPG 2,3-diphosphoglycerate
Ab antibody
ADP adenosine diphosphate
Ag antigen
AS additive solution
ASCII American Standard Code for Information Interchange
ATMP advanced therapy medicinal product
ATP adenosine triphosphate
BCSH British Committee for Standards in Haematology
BS(I) British Standards (Institution)
BSQR Blood Safety and Quality Regulations 2005
CD-P-TS European Committee on Blood Transfusion
cfu colony-forming unit
CJD Creutzfeldt-Jakob Disease
CMV cytomegalovirus
Codabar American Blood Commission Codabar Barcode
CPA Clinical Pathology Accreditation
CT cellular therapy
DAT direct antiglobulin test
DIN donation identification number
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
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<tbody>
<tr>
<td>DMSO</td>
<td>dimethyl sulphoxide</td>
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<tr>
<td>DNA</td>
<td>deoxyribonucleic acid</td>
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<tr>
<td>EC</td>
<td>European Commission</td>
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<tr>
<td>ECV</td>
<td>extra-corporeal volume</td>
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<tr>
<td>EDQM</td>
<td>European Directorate for the Quality of Medicines and Healthcare</td>
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<tr>
<td>EDTA</td>
<td>ethylenediamine tetra-acetic acid</td>
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<tr>
<td>EFI</td>
<td>European Federation for Immunogenetics</td>
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<tr>
<td>ELISA</td>
<td>enzyme-linked immunosorbent assay</td>
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<tr>
<td>EN</td>
<td>European Standard</td>
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<tr>
<td>EU</td>
<td>European Union</td>
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<tr>
<td>F</td>
<td>factor (as in FVIII:C, FXIIa etc.)</td>
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<tr>
<td>FACT</td>
<td>Foundation for the Accreditation of Cellular Therapy</td>
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<tr>
<td>FBC</td>
<td>full blood count</td>
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<tr>
<td>FCXM</td>
<td>flow cytometric crossmatch</td>
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<tr>
<td>G-CSF</td>
<td>granulocyte colony stimulating factor</td>
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<tr>
<td>GMP</td>
<td>good manufacturing practice</td>
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<tr>
<td>Hb</td>
<td>haemoglobin</td>
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<tr>
<td>HBcAb</td>
<td>hepatitis B core antibody</td>
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<tr>
<td>HBsAg</td>
<td>hepatitis B surface antigen</td>
</tr>
<tr>
<td>HBV</td>
<td>hepatitis B virus</td>
</tr>
<tr>
<td>HCMV</td>
<td>human cytomegalovirus</td>
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<tr>
<td>HCV</td>
<td>hepatitis C virus</td>
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<tr>
<td>HDFN</td>
<td>Haemolytic Disease of the Fetus and Newborn</td>
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<td>HIV</td>
<td>human immunodeficiency virus</td>
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<tr>
<td>HLA</td>
<td>human leucocyte antigen</td>
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<tr>
<td>HNA</td>
<td>human neutrophil antigen</td>
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<td>HPA</td>
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Health Protection Agency OR human platelet antigen (depending on context)

HPC  
haematopoietic progenitor cell

HTA  
Human Tissue Authority

HTLA  
high-titre low-avidity

HTLV  
human T cell lymphotropic virus

HTR  
haemolytic transfusion reaction

IAT  
indirect antiglobulin test

ICCBBA  
International Council for Commonality in Blood Banking Automation

ICSH  
International Council for Standardization in Hematology

ID  
identification

IgG  
immunoglobulin G

IgM  
immunoglobulin M

IL  
interleukin

IMP  
investigational medicinal product

ISBT  
International Society of Blood Transfusion

ISBT 128  
128 International Society of Blood Transfusion 128 barcode

ISO  
International Organization for Standardization

IU  
international unit

IUT  
intrauterine transfusion

JACIE  
Joint Accreditation ICT Europe and EBMT

JPAC  
Joint UKBTS/HPA Professional Advisory Committee

LISS  
low ionic strength (salt) solution

MCV  
mean cell volume

MHRA  
Medicines and Healthcare products Regulatory Agency

NAT  
nucleic acid amplification techniques

NEQAS  
National External Quality Assurance Scheme

NHSBT  
National Health Service Blood and Transplant
NIBSC
National Institute for Biological Standards and Control

NIBTS
Northern Ireland Blood Transfusion Service

pCO2
partial pressure of carbon dioxide

PCR
polymerase chain reaction

Ph Eur
European Pharmacopoeia

pO2
partial pressure of oxygen

RBC
red blood cell(s)

RCI
Red Cell Immunohaematology

RNA
ribonucleic acid

SaBTO
Advisory Committee on Safety of Blood Tissues and Organs

SAC
Standing Advisory Committee

SACBC
Standing Advisory Committee on Blood Components

SACIT
Standing Advisory Committee on Information Technology

SACTCTP
Standing Advisory Committee on Tissues and Cellular Therapy Products

SAE
serious adverse event

SAGM
saline adenine glucose mannitol additive solution

SAR
serious adverse reaction

SHOT
Serious Hazards of Transfusion scheme

SNBTS
Scottish National Blood Transfusion Service

SOP
standard operating procedure

SSOP
sequence-specific oligonucleotide probe

SSP
sequence-specific primer

TBV
total blood volume

TC
therapeutic cells

TGF-β
transforming growth factor beta

TNF-α
tumour necrosis factor alpha

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<tr>
<td>TTI</td>
<td>transfusion-related acute lung injury</td>
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<tr>
<td>UK</td>
<td>United Kingdom</td>
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<tr>
<td>UKBTS</td>
<td>United Kingdom Blood Transfusion Services</td>
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<tr>
<td>vCJD</td>
<td>variant Creutzfeldt-Jakob Disease</td>
</tr>
<tr>
<td>vWf</td>
<td>von Willebrand factor</td>
</tr>
<tr>
<td>WBC</td>
<td>white blood cell(s)</td>
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<tr>
<td>WHO</td>
<td>World Health Organization</td>
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<tr>
<td>WNV</td>
<td>West Nile Virus</td>
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