

## Poland - More stringent blood donor testing requirements 2015 Mapping exercise

Colour key	
	Minimum requirements as set out in Directive 2004/23/EC
	More stringent testing - legally binding on national level
	More stringent testing - recommended on national level
	Not legally binding and not recommended on national level

### Non-reproductive tissues and cells

Tested pathogen	Donor test/ technique	Legally binding	Recommended on national level	Recommending authority/ association	Circumstances for application			Regional differences	Further comments
					Donor profile	Tissue/cell type	Comments		
<b>VIRAL</b>									
HIV 1 and HIV 2	Anti-HIV 1	YES	NO	NO	all	all	no comments	NO	No plans for changes to the legislation at the moment
	Anti-HIV 2	YES	NO	NO	all	all	no comments		
	HIV 1p24								
	HIV NAT						as verification test		
	Other technique								
Hepatitis B	HBs Ag	YES	NO	NO	all	all	no comments	NO	No plans for changes to the legislation at the moment
	Anti-HBc	YES	NO	NO	all	all	no comments		
	Anti - HBs								
	HBV NAT						as verification test for HBsAg positive		
	Other technique								
Hepatitis C	Anti-HCV	YES	NO	NO	all	all	no comments	NO	No plans for changes to the legislation at the moment
	HCV NAT								
	Other technique								
HTLV-1	Technique not specified							NO	No plans for changes to the legislation at the moment  Tests are not mandatory, but in case of a risk assessment they may become mandatory: "Depending on the data in the medical records"
	Anti-HTLV-1	YES	NO	NO	donors from countries with HTLV-1 high prevalence	all	no comments		
	HTLV-1 NAT								
	Other technique								
HTLV-2	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	Anti-HTLV-2								
	HTLV-2 NAT								
	Other technique								
Chikungunya virus	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	Anti-CHIKV								
	CHIKV NAT								
	Other technique								
Cytomegalovirus	Technique not specified	YES	NO	NO	all	all	based on donor assessment	NO	No plans for changes to the legislation at the moment Tests are not mandatory, but in case of a risk assessment they may become mandatory: "Depending
	Anti-CMV								
	CMV NAT								
	Other technique								

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Tested pathogen	Donor test/ technique	Legally binding	Recommended on national level	Recommending authority/ association	Circumstances for application			Regional differences	Further comments
					Donor profile	Tissue/cell type	Comments		
Dengue Virus	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	Anti-DENV								
	NAT								
	Other technique								
Ebola Virus	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	NAT								
	Other technique								
Epstein-Barr virus	Technique not specified	YES	NO	NO	all	all	based on donor assessment	NO	No plans for changes to the legislation at the moment  Tests are not mandatory, but in
	Anti-EBV								
	Other technique								
Hepatitis E	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	Anti-HEV								
	HEV NAT								
	Other technique								
Human Parvovirus B19	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	HPVB19 NAT								
	Other technique								
Herpes simplex virus	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	HSV Ag								
	HSV Ab								
	HSV NAT								
	Other technique								
West Nile Virus	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	WNV minipool NAT								
	WNV ID NAT								
	Other technique								
specify pathogen									
<b>PARASITIC</b>									
Babesiosis	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	Microscopy								
	Antibody detection (EIA, IFA)								
	Molecular testing (NAT)								
	Other technique								
Leishmaniasis	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	Microscopy								
	Anti - <i>Leishmania sp.</i>								

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					Donor profile	Tissue/cell type	Comments		
	<i>Leishmania sp.</i> NAT Other technique								
Malaria	Technique not specified	YES	NO	NO	all	all	based on donor assessment	NO	No plans for changes to the legislation at the moment  Tests are not mandatory, but in case of a risk assessment they may become mandatory: "Depending on the data in the medical records of the donor and the properties of cells or tissues procured, additional
	Microscopy								
	<i>Plasmodium sp.</i> Ab								
	<i>Plasmodium sp.</i> Ag								
	<i>Plasmodium sp.</i> Ag - rapid test								
	<i>Plasmodium sp.</i> NAT Other technique								
Toxoplasmosis	Technique not specified	YES	NO	NO	all	all	based on donor assessment	NO	No plans for changes to the legislation at the moment  Tests are not mandatory, but in case of a risk assessment they may become mandatory: "Depending
	Anti- <i>Toxoplasma gondii</i>								
	Microscopy								
	Other technique								
Trypanosomiasis	Technique not specified	YES	NO	NO	all	all	based on donor assessment	NO	No plans for changes to the legislation at the moment  Tests are not mandatory, but in case of a risk assessment they may become mandatory. The law says:
	Anti- <i>Trypanosoma cruzi</i>								
	Microscopy								
	Other technique								
specify pathogen									
<b>BACTERIAL</b>									
<i>Treponema pallidum</i> (Syphilis)	Technique not specified	YES	NO	N/A	N/A	all		NO	No plans for changes to the legislation at the moment
	Anti- <i>T. pallidum</i>	YES	NO	NO	all	all	no comments		
	Microscopy								
	<i>T. pallidum</i> NAT						as verification test		
	Other technique								
Chlamydia trachomatis	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	<i>C. trachomatis</i> DFA								
	<i>C. trachomatis</i> EIA								
	<i>C. trachomatis</i> NAT								
	Culture								
	Other technique								
Neisseria gonorrhoeae	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	<i>N. gonorrhoeae</i> NAT								
	Culture								
	Other technique								
Brucellosis	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment
	Culture								
	Other technique								

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Tested pathogen	Donor test/ technique	Legally binding	Recommended on national level	Recommending authority/ association	Circumstances for application			Regional differences	Further comments	
					Donor profile	Tissue/cell type	Comments			
Tuberculosis	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment	
	Culture									
	Other technique									
Q-fever	Technique not specified						based on donor assessment	NO	No plans for changes to the legislation at the moment	
	<i>C. burnetii</i> Ab									
	<i>C. burnetii</i> NAT									
	Microscopy									
specify pathogen										
<b>FUNGI</b>										
specify pathogen										
Transmissible spongiform										
<b>Other Tests</b>										
ABO blood group testing	ABO typing	YES	NO	NO	all allo HSC	for HSCs	no comments	NO		
	Other technique									
RhD blood group testing	RhD typing	YES	NO	NO	all allo HSC	for HSCs	no comments	NO	No plans for changes to the legislation at the moment	
	Other technique									
HLA testing	Technique not specified	YES	NO	NO	all allo HSC	for HSCs	no comments	NO	Plans for establishing NGS testing as requirement for potential donor screening and matching testing Tests are not mandatory, but in case of a risk assessment they may become mandatory: "Depending	
	HLA Ab									
	HLA Ag									
	HLA gene									
	Other technique									
Genetic testing, please specify condition										

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## Reproductive tissues and cells

Tested pathogen	Donor test/ technique	Legally binding	Recommended on national level	Recommending authority/ association	Circumstances for application			Regional differences	Further comments
					Donor profile	Tissue/cell type	Comments		
<b>VIRAL</b>									
HIV 1 and HIV 2	Anti-HIV 1	YES	NO	NO	all	all	no comments	NO	
	Anti-HIV 2	YES	NO	NO	all	all	no comments		
	HIV 1p24								
	HIV NAT						as verification test		
Hepatitis B	HBs Ag	YES	NO	NO	all	all	no comments	NO	
	Anti-HBc	YES	NO	NO	all	all	no comments		
	Anti - HBs								
	HBV NAT						as verification test		
Hepatitis C	Anti-HCV	YES	NO	NO	all	all	no comments	NO	
	HCV NAT						as verification test		
	Other technique								
HTLV-1	Technique not specified							NO	
	Anti-HTLV-1	YES	NO	NO	donors from countries with HTLV-1 high prevalence	all	no comments		
	HTLV-1 NAT								
	Other technique								
HTLV-2									
Chikungunya virus									
Cytomegalovirus	Technique not specified	YES	NO	NO	all	all	dependent on donor's travel and exposure history	NO	
	Anti-CMV								
	CMV NAT								
	Other technique								
Dengue Virus									
Ebola Virus									
Epstein-Barr virus									
Hepatitis E									
Human Parvovirus B19									
Herpes simplex virus									
West Nile Virus									
specify pathogen									
<b>PARASITIC</b>									
Leishmaniasis									
Malaria	Technique not specified	YES	NO	NO	all	all	depending on donor's travel and exposure history	NO	

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					Donor profile	Tissue/cell type	Comments		
	Microscopy <i>Plasmodium sp.</i> Ab <i>Plasmodium sp.</i> Ag <i>Plasmodium sp.</i> Ag - rapid test <i>Plasmodium sp.</i> NAT Other technique								
Toxoplasmosis									
Trypanosomiasis									
specify pathogen									
<b>BACTERIAL</b>									
<i>Treponema pallidum</i> (Syphilis)	Technique not specified	YES	NO	N/A	non-partner donation	all	no comments	NO	
	Anti- <i>T. pallidum</i>								
	Microscopy								
	<i>T. pallidum</i> NAT								
	Other technique								
<i>Chlamydia trachomatis</i>	Technique not specified	YES	NO	N/A	non-partner donors	all	no comments	NO	
	<i>C. trachomatis</i> DFA								
	<i>C. trachomatis</i> EIA								
	<i>C. trachomatis</i> NAT	YES	NO	N/A	non-partner donation	all	no comments		
	Culture Other technique								
<i>Neisseria gonorrhoeae</i>									
Bruceellosis									
Tuberculosis									
Q-fever									
specify pathogen									
<b>FUNGI</b>									
specify pathogen									
Transmissible spongiform									
<b>Other Tests</b>									
ABO blood group testing									
RhD blood group testing	RhD typing	YES	NO	NO	all	all	no comments	NO	
	Other technique								
HLA testing									
Genetic testing, please specify condition	Specify technique	YES	NO	N/A	non-partner donors	all	genetic screening for autosomal recessive genes known to be prevalent, according to international scientific evidence, in the donor's ethnic background and an assessment of the risk of transmission of inherited conditions known to be present in the family must be carried out		