

Belgium - 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		
VIRAL									
HIV 1 and HIV 2	Anti-HIV 1	YES	NO	N/A	all	all	no comments	NO	NAT tests are mandatory unless the processing includes an inactivation step validated for the viruses concerned. For living donors NAT tests may be replaced by serology 6 months after collection/procurement of tissues or cells.
	Anti-HIV 2	YES	NO	N/A	all	all	no comments		
	HIV 1p24								
	HIV NAT	YES	NO	N/A	deceased and living allogenic	all	not for autologous donations		
	Other technique								
Hepatitis B	HBs Ag	YES	NO	N/A	all	all	no comments	NO	NAT tests are mandatory unless the processing includes an inactivation step validated for the viruses concerned. For living donors NAT tests may be replaced by serology 6 months after collection/procurement of tissues or cells.
	Anti-HBc	YES	NO	N/A	all	all	no comments		
	Anti - HBs								
	HBV NAT	YES	NO	N/A	deceased and living allogenic	all	not for autologous donations		
	Other technique								
Hepatitis C	Anti-HCV	YES	NO	N/A	all	all	no comments	NO	NAT tests are mandatory unless the processing includes an inactivation step validated for the viruses concerned. For living donors NAT tests may be replaced by serology 6 months after collection/procurement of tissues or cells.
	HCV NAT	YES	NO	N/A	deceased and living allogenic	all	not for autologous donations		
	Other technique								
HTLV-1	Technique not specified							NO	
	Anti-HTLV-1	YES	NO	N/A	donors living in or originating from a high prevalence area, or parents or sexual partners originating from those areas	all	not for autologous donations		
	HTLV-1 NAT								
	Other technique								
HTLV-2									

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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		
Chikungunya virus									
Cytomegalovirus	Technique not specified							NO	
	Anti-CMV	NO	YES	MDPB www.mdpb.be	living allogenic	HPC	no comments		
	CMV NAT								
	Other technique								
Dengue Virus									
Ebola Virus									
Epstein-Barr virus									
Hepatitis E									
Human Parvovirus B19									
Herpes simplex virus									
West Nile Virus									
specify pathogen									
PARASITIC									
Babesiosis									
Leishmaniasis									
Malaria	Technique not specified	YES	NO	N/A	depending on donor's history	depending on characteristics of the tissue or cells donated	no comments	NO	
	Microscopy								
	<i>Plasmodium sp. Ab</i>								
	<i>Plasmodium sp. Ag</i>								
	<i>Plasmodium sp. Ag - rapid test</i>								
	<i>Plasmodium sp. NAT</i>								
	Other technique								
Toxoplasmosis	Technique not specified								
	Anti- <i>Toxoplasma gondii</i>								
	Microscopy								
	Other technique								
Trypanosomiasis	Technique not specified	YES	NO	N/A	depending on donor's history	depending on characteristics of the tissue or cells donated	no comments	NO	
	Anti- <i>Trypanosoma cruzi</i>								
	Microscopy								
	Other technique								
specify pathogen	specify 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			
BACTERIAL										
<i>Treponema pallidum</i> (Syphilis)	Technique not specified	YES	NO	N/A	all	all	no comments	NO		
	Anti- <i>T. pallidum</i>									
	Microscopy									
	<i>T. pallidum</i> NAT									
	Other technique									
<i>Chlamydia trachomatis</i>										
<i>Neisseria gonorrhoeae</i>										
Brucellosis										
Tuberculosis										
Q-fever										
specify pathogen										
FUNGI										
specify pathogen										
Transmissible spongiform encephalopathies										
Other Tests										
ABO blood group testing	ABO typing	NO	YES	MDPB www.mdpb.be	all	HPC	no comments	NO		
	Other technique									
RhD blood group testing	RhD typing	NO	YES	MDPB www.mdpb.be	all	HPC	no comments	NO		
	Other technique									
HLA testing	Technique not specified								NO	
	HLA Ab									
	HLA Ag									
	HLA gene	NO	YES	MDPB www.mdpb.be	living allogenic	HPC	no comments			
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		
VIRAL									
HIV 1 and HIV 2	Anti-HIV 1	YES	NO	N/A	all	all	no comments	NO	NAT tests are mandatory unless the processing includes an inactivation step validated for the viruses concerned. For non-partner donors NAT tests may be replaced
	Anti-HIV 2	YES	NO	N/A	all	all	no comments		
	HIV 1p24								
	HIV NAT	YES	NO	N/A	non-partner donors	all	no comments		
	Other technique								
Hepatitis B	HBs Ag	YES	NO	N/A	all	all	no comments	NO	NAT tests are mandatory unless the processing includes an inactivation step validated for the viruses concerned. For non-partner donors NAT tests may be replaced
	Anti-HBc	YES	NO	N/A	all	all	no comments		
	Anti - HBs								
	HBV NAT	YES	NO	N/A	non-partner donors	all	no comments		
	Other technique								
Hepatitis C	Anti-HCV	YES	NO	N/A	all	all	no comments	NO	NAT tests are mandatory unless the processing includes an inactivation step validated for the
	HCV NAT	YES	NO	N/A	non-partner donors	all	no comments		
	Other technique								
HTLV-1	Technique not specified							NO	
	Anti-HTLV-1	YES	NO	N/A	donors living in or originating from a high prevalence area, or parents or sexual partners originating from those areas	all	no comments		
	HTLV-1 NAT								
	Other technique								
HTLV-2									
Chikungunya virus									
Cytomegalovirus									
Dengue Virus									
Ebola Virus									
Epstein-Barr virus									
Hepatitis E									
Human Parvovirus B19									
Herpes simplex virus									
West Nile Virus									
specify pathogen									
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Leishmaniasis									
Malaria	Technique not specified	YES	NO	N/A	depending on donor's history	depending on characteristics of the tissue or cells donated	no comments	NO	
	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	Technique not specified	YES	NO	N/A	depending on donor's history	depending on characteristics of the tissue or cells donated	no comments	NO	
	Anti- <i>Trypanosoma cruzi</i>								
	Microscopy								
	Other technique								
specify pathogen									
BACTERIAL									
<i>Treponema pallidum</i> (Syphilis)	Technique not specified	YES	NO	N/A	all	all	no comments	NO	
	Anti- <i>T. pallidum</i>								
	Microscopy								
	<i>T. pallidum</i> NAT								
	Other technique								
<i>Chlamydia trachomatis</i>	Technique not specified							NO	
	<i>C. trachomatis</i> DFA								
	<i>C. trachomatis</i> EIA								
	<i>C. trachomatis</i> NAT	YES	NO	N/A	non-partner donors	sperm	no comments		
	Culture Other technique								
<i>Neisseria gonorrhoeae</i>									
Brucellosis									
Brucellosis									
Tuberculosis									
Q-fever									
specify pathogen									
FUNGI									
specify pathogen									

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Transmissible spongiform encephalopathies									
Other Tests									
ABO blood group									
RhD blood group									
HLA testing									
Genetic testing, please specify condition									