

Hungary - 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	NAT testing can be done, but not compulsory.
	Anti-HIV 2	YES	NO	N/A	all	all			
	HIV 1p24								
	HIV NAT								
	Other technique								
Hepatitis B	HBs Ag	YES	NO	N/A	all	all		NO	NAT testing can be done, but not compulsory.
	Anti-HBc	YES	NO	N/A	all	all			
	Anti - HBs								
	HBV NAT								
	Other technique								
Hepatitis C	Anti-HCV	YES	NO	N/A	all	all		NO	NAT testing can be done, but not compulsory.
	HCV NAT								
	Other technique								
HTLV-1	Technique not specified							NO	
	Anti-HTLV-1	YES	NO	N/A	Testing must be performed for donors living in, or originating from, high-prevalence areas or with sexual partners originating from those areas or where the donor's parents originate from those areas	all			
	HTLV-1 NAT								
	Other technique								
HTLV-2									
Chikungunya virus									

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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		
Cytomegalovirus	Technique not specified	YES	NO	N/A	Testing is mandatory for all living donors with relevant donor history taking into account the epidemiologic circumstances for this pathogen.	all	no comments	NO	
	Anti-CMV								
	CMV NAT								
	Other technique								
Dengue Virus									
Ebola Virus									
Epstein-Barr virus	Technique not specified	YES	NO	N/A	Testing is mandatory for all living donors with relevant donor history taking into account the epidemiologic circumstances for this pathogen.	all	no comments	NO	
	Anti-EBV								
	Other technique								
Hepatitis E									
Human Parvovirus B19									
Herpes simplex virus									
West Nile Virus									
specify pathogen									
PARASITIC									
Babesiosis									
Leishmaniasis									
Malaria	Technique not specified	YES	NO	N/A	Testing is mandatory for all living donors with relevant donor history taking into account the epidemiologic circumstances for this pathogen.	all		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									

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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			
Toxoplasmosis	Technique not specified	YES	NO	N/A	Testing is mandatory for all living donors with relevant donor history taking into account the epidemiologic circumstances for this pathogen.	all	no comments	NO		
	Anti- <i>Toxoplasma gondii</i>									
	Microscopy									
	Other technique									
Trypanosomiasis	Technique not specified	YES	NO	N/A	Testing is mandatory for all living donors with relevant donor history taking into account the epidemiologic circumstances for this pathogen.	all	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		
	Anti- <i>T. pallidum</i>									
	Microscopy									
	<i>T. pallidum</i> NAT									
	Other technique									
<i>Chlamydia trachomatis</i>										
<i>Neisseria gonorrhoeae</i>										
Q-fever										
specify pathogen										
FUNGI										
specify pathogen										
Transmissible spongiform										
Other Tests										
ABO blood group testing										

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					Donor profile	Tissue/cell type	Comments		
RhD blood group testing	RhD typing	YES	NO	N/A	Testing is mandatory for all living donors with relevant donor history taking into account the epidemiologic circumstances for this pathogen.	all	no comments	NO	
	Other technique								
HLA testing	Technique not specified	YES	NO	N/A	Testing is mandatory for all living donors with relevant donor history taking into account the epidemiologic circumstances for this pathogen.	all	no comments	NO	
	HLA Ab								
	HLA Ag								
	HLA gene								
Genetic testing, please specify condition	Other technique								

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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	
	Anti-HIV 2	YES	NO	N/A	all	all			
	HIV 1p24								
	HIV NAT								
	Other technique								
Hepatitis B	HBs Ag	YES	NO	N/A	all	all		NO	
	Anti-HBc	YES	NO	N/A	all	all			
	Anti - HBs								
	HBV NAT								
	Other technique								
Hepatitis C	Anti-HCV	YES	NO	N/A	all	all	no comments	NO	
	HCV NAT								
	Other technique								
HTLV-1	Technique not specified							NO	
	Anti-HTLV-1	YES	NO	N/A	testing must be performed for donors living in, or originating from, high-prevalence areas or with sexual partners originating from those areas or where the donor's parents originate from those areas	all			
	HTLV-1 NAT								
	Other technique								
HTLV-2									
Chikungunya virus									
Cytomegalovirus	Technique not specified	YES	NO	N/A	all	all	no comments	NO	
	Anti-CMV								
	CMV NAT								
	Other technique								
Dengue Virus									
Ebola Virus									
Epstein-Barr virus									
Hepatitis E									

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					Donor profile	Tissue/cell type	Comments		
Human Parvovirus B19									
Herpes simplex virus									
West Nile Virus									
Herpes genitalis	Technique not specified specify technique	YES	NO	N/A	all	all	no comments	NO	
specify pathogen									
PARASITIC									
Babesiosis									
Leishmaniasis									
Malaria									
Toxoplasmosis									
Trypanosomiasis									
specify pathogen									
BACTERIAL									
<i>Treponema pallidum</i> (Syphilis)	Technique not specified	YES	NO	N/A	non-partner donors	all		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	all	all	no comments	NO	
	<i>C. trachomatis</i> DFA								
	<i>C. trachomatis</i> EIA								
	<i>C. trachomatis</i> NAT	YES	NO	N/A	all sperm donors except partners	sperm			
	Culture								
Other technique									
<i>Neisseria gonorrhoeae</i>	Technique not specified	YES	NO	N/A	all	all	no comments	NO	
	<i>N. gonorrhoeae</i> NAT								
	Culture								
	Other technique								
Brucellosis									
Tuberculosis									
Q-fever									
<i>Trichomonas vaginalis</i>	Technique not specified	YES	NO	N/A	all	all	no comments	NO	
	specify technique								
specify pathogen									
FUNGI									
specify pathogen									
Transmissible spongiform encephalopathies									
Other Tests									

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					Donor profile	Tissue/cell type	Comments		
ABO blood group testing									
RhD blood group testing									
Genetic testing, please specify condition	Specify technique	YES	NO	N/A	non-partner donors	all		NO	Genetic testing is legally binding as national requirement, but the law does not specify technique