

Ireland - 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	N/A	NO	Minimum requirements as set out in the Directive. NAT testing would be encouraged by the NCA; However, a national decision would be required and currently
	Anti-HIV 2	YES	NO	N/A	all	all	N/A		
	HIV 1p24								
	HIV NAT								
	Other technique								
Hepatitis B	HBs Ag	YES	NO	N/A	all	all	N/A	NO	Minimum requirements as set out in the Directive. NAT testing would be encouraged by the NCA; However, a national decision would be required and currently
	Anti-HBc	YES	NO	N/A	all	all	N/A		
	Anti - HBs								
	HBV NAT								
	Other technique								
Hepatitis C	Anti-HCV	YES	NO	N/A	all	all	N/A	NO	Minimum requirements as set out in the Directive. NAT testing would be encouraged by the NCA;
	HCV NAT								
	Other technique								
HTLV-1	Technique not specified	YES	NO	N/A	donors living in or originating from areas of high prevalence as per Directive	all	N/A	NO	Testing performed under specific conditions as set out in the Directive. NAT testing would be encouraged by the NCA; However, a national decision would be required and currently no plans in place.
	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			
	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									

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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		
specify pathogen									
PARASITIC									
Babesiosis									
Leishmaniasis									
Malaria									
Toxoplasmosis									
Trypanosomiasis									
specify pathogen									
BACTERIAL									
<i>Treponema pallidum</i> (Syphilis)	Technique not specified	YES	NO	N/A	all	non ART T&C	N/A	NO	Minimum requirements as set out in the Directive. NAT testing would be encouraged by the NCA; However, a national decision would be required and currently no plans in place.
	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									
RhD blood group testing									
HLA testing									
Genetic testing, please specify condition									

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Colour key	
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	More stringent testing - legally binding on national level
	More stringent testing - recommended on national level
	Not legally binding and not recommended on national level

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	Partner & Non-Partner	All (Embryos & Gamets)	N/A	NO	Minimum requirements as set out in the Directive. NAT testing would be encouraged by the NCA; However, a national decision would be required and currently no plans in place.
	Anti-HIV 2	YES	NO	N/A	Partner & Non-Partner	All (Embryos & Gamets)	N/A		
	HIV 1p24								
	HIV NAT								
	Other technique								
Hepatitis B	HBs Ag	YES	NO	N/A	Partner & Non-Partner	All (Embryos & Gamets)	N/A	NO	Minimum requirements as set out in the Directive. NAT testing would be encouraged by the NCA; However, a national decision would be required and currently no plans in place
	Anti-HBc	YES	NO	N/A	Partner & Non-Partner	All (Embryos & Gamets)	N/A		
	Anti - HBs								
	HBV NAT								
Hepatitis C	Anti-HCV	YES	NO	N/A	Partner & Non-Partner	All (Embryos & Gamets)	N/A	NO	Minimum requirements as set out in the Directive. NAT testing would be encouraged by the NCA; However, a national decision
	HCV NAT								
	Other technique								
HTLV-1	Technique not specified	YES	NO	N/A	Partner & Non-Partner donors living in or originating from areas of high prevalence as per Directive	All (Embryos & Gamets)	N/A	NO	Testing performed under specific conditions as set out in the Directive. NAT testing would be encouraged by the NCA; However, a national decision would be required and currently no plans in place
	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			
	HTLV-1 NAT								
HTLV-2	Other technique								
Chikungunya virus									
Cytomegalovirus									

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					Donor profile	Tissue/cell type	Comments		
Dengue Virus									
Ebola Virus									
Epstein-Barr virus									
Hepatitis E									
Human Parvovirus B19									
Herpes simplex virus									
West Nile Virus									
specify pathogen									
PARASITIC									
Babesiosis									
Leishmaniasis									
Malaria									
Toxoplasmosis									
Trypanosomiasis									
specify pathogen									
BACTERIAL									
Treponema pallidum (Syphilis)	Technique not specified	YES	NO	N/A	Non-Partner donations	All (embryos & gametes)	N/A	NO	Testing performed under specific conditions as set out in the Directive. NAT testing would be encouraged by the NCA; However, a national decision would be required and currently no plans in
	Anti-T. pallidum								
	Microscopy								
	T. pallidum NAT								
	Other technique								
Chlamydia trachomatis	Technique not specified							NO	Legal National Requirement as transposed from Directive. However, no sperm donation occurs at authorised Tissue Establishments in Ireland
	C. trachomatis DFA								
	C. trachomatis EIA								
	C. trachomatis NAT	YES	NO	N/A	Non-Partner donations	sperm donation	N/A		
	Culture								
Other technique									
Neisseria gonorrhoeae									
Brucellosis									
Tuberculosis									
Q-fever									
specify pathogen									
FUNGI									
specify pathogen									
Transmissible spongiform									
Other Tests									
ABO blood group									
RhD blood group									
HLA testing									
Genetic testing, please specify condition									