

**Spain - More stringent blood donor testing requirements
2015 Mapping exercise**

Colour key	
	Minimum requirements as set out in the 2004/33/EC Directive
	More stringent testing - legally binding on national level
	More stringent testing - recommended on national level
	Not legally binding and not recommended on national level

Test	Test/ technique	Legally binding	Recommendation on national level	Recommending authority/ service/ association	Type of blood donation (blood for transfusion or plasma for fractionation)	Circumstances for application/ donor profile	Regional differences	Further comments
Basic testing								
Blood group testing	ABO typing	YES	NO	N/A	whole blood/ blood components for transfusion	all donations	NO	
	RhD typing	YES	NO	N/A	whole blood/ blood components for transfusion	all donations	NO	e.g. specific requirement for weak RhD testing
	Other, please specify (Kell etc.)							
HLA testing								
Disease testing								
VIRAL								
HIV 1 and HIV 2	Anti-HIV 1	YES	NO	N/A	both	all donations	NO	HIV NAT ID or minipool
	Anti-HIV 2	YES	NO	N/A	both	all donations		
	HIV 1p24							
	HIV NAT pool or ID	NO	YES	National Advisory Committee for Blood Safety http://www.mssi.gob.es/profesionales/s	both	all donations		
	Other technique							
Hepatitis B	HBs Ag	YES	NO	N/A	both	all donations	NO	HBV NAT ID or minipool 6
	Anti-HBc							
	Anti-HBs							
	HBV NAT pool or ID	NO	YES	National Advisory Committee for Blood	both	all donations		
	Other technique							
Hepatitis C	Anti-HCV	YES	NO	N/A	both	all donations	NO	HCV NAT ID or minipool 6
	HCV NAT pool or ID	YES	NO	N/A	both	all donations		
	HCV NAT ID							
	Other technique							
Hepatitis E	HTLV-1/ technique not specified	NO	YES	National Advisory Committee for Blood Safety	both	Selective testing (risk factor)	YES	
	Anti-HTLV-1							
	HTLV-1 NAT pool or ID							
	HTLV-1 NAT ID							
	Other technique							
HTLV-2	HTLV-2/ technique not specified	NO	YES	National Advisory Committee for Blood Safety	both	Selective testing (risk factor)	YES	
	Anti-HTLV-2							
	HTLV-2 NAT pool or ID							
	HTLV-2 NAT ID							
	Other technique							
Ebola Virus								
Chikungunya virus								
Cytomegalovirus								
West Nile Virus	WNV/ technique not specified	NO	YES	National Advisory Committee for Blood Safety http://www.mssi.gob.es/profesionales/saludPublica/medicinaTransfusional/acuerdos/docs/Virus_Nilo.pdf	both	Selective testing	NO	
	WNV NAT pool or ID							
	WNV NAT ID*							
	Other technique							
Dengue Virus								
Epstein-Barr virus								
Human Parvovirus								
Herpes simplex								
Nonspecific viral infection								
Other pathogen.								
PARASITIC								
Malaria	Technique not specified	NO	YES	National Advisory Committee for Blood Safety	both	Selective testing. Travel history, residence	NO	
	Microscopy							
	Plasmodium sp. - Ab							
	Plasmodium sp. - Ag							
	Plasmodium sp. - Ag - rapid test							
	Plasmodium sp. NAT pool or ID							
	Plasmodium sp. NAT ID							
Other technique								
Trypanosomiasis	Technique not specified	NO	YES	National Advisory Committee for Blood Safety http://www.mssi.gob.es/profesionales/saludPublica/medicinaTransfusional/acuerdos/docs/Chagas.pdf	both	Selective testing. Travel history, residence	NO	
	Microscopy							
	Anti-Trypanosoma cruzi							

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	<i>T. cruzi</i> NAT pool or ID <i>T. cruzi</i> NAT ID Other technique							
Babesiosis								
Leishmaniasis								
Toxoplasmosis								
Other pathogen								
BACTERIAL								
Treponema pallidum (Syphilis)	Technique not specified						NO	
	Microscopy							
	Anti- <i>T. pallidum</i>	YES	NO	N/A	both	all donations		
	<i>T. pallidum</i> NAT pool or ID							
	<i>T. pallidum</i> NAT ID							
	Culture							
	Other technique							
Neisseria								
Brucellosis								
Tuberculosis								
Q-fever								
Other pathogen								
FUNGI								
specify pathogen								

* For West Nile Virus NAT ID, see 2004/33/EC as amended by 2014/110/EU with a deadline for transposition into national law of December 31, 2015