

**Portugal - 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 | both | all donations | NO | All D negative are tested for weak D |
| | RhD typing | YES | NO | N/A | both | all donations | NO | |
| | Other technique | | | | | | | |
| HLA testing | | | | | | | | |
| Disease testing | | | | | | | | |
| VIRAL | | | | | | | | |
| HIV 1 and HIV 2 | Anti-HIV 1 | YES | NO | N/A | both | all donations | NO | |
| | Anti-HIV 2 | YES | NO | N/A | both | all donations | | |
| | HIV 1p24 | | | | | | | |
| | HIV NAT pool or ID | YES | NO | N/A | both | all donations | | |
| | HIV NAT ID | | | | | | | |
| Hepatitis B | HBs Ag | YES | NO | N/A | both | all donations | NO | Discard units when Anti-HBc positive and Anti-HBs100 IU |
| | Anti-HBc | YES | NO | N/A | both | all donations | | |
| | Anti - HBs | YES | NO | N/A | both | Only when anti-HBc is positive | | |
| | HBV NAT pool or ID | YES | NO | N/A | both | all donations | | |
| | HBV NAT ID | | | | | | | |
| Hepatitis C | Anti-HCV | YES | NO | N/A | both | all donations | NO | |
| | HCV NAT pool or ID | YES | NO | N/A | both | all donations | | |
| | HCV NAT ID | | | | | | | |
| | Other technique | | | | | | | |
| Hepatitis E | | | | | | | | |
| HTLV-1 | HTLV-1/ technique not specified | | | | | | NO | Test used :Anti-HTLV I/II |
| | Anti-HTLV-1 | YES | NO | N/A | both | All first time donors and donors coming from high prevalence areas | | |
| | HTLV-1 NAT pool or ID | | | | | | | |
| | HTLV-1 NAT ID | | | | | | | |
| | Other technique | | | | | | | |
| HTLV-2 | HTLV-2/ technique not specified | | | | | | NO | Test used :Anti-HTLV I/II |
| | Anti-HTLV-2 | YES | NO | N/A | both | All first time donors and donors coming from high prevalence areas | | |
| | HTLV-2 NAT pool or ID | | | | | | | |
| | HTLV-2 NAT ID | | | | | | | |
| | Other technique | | | | | | | |
| Ebola Virus | | | | | | | | |
| Chikungunya virus | | | | | | | | |
| Cytomegalovirus | | | | | | | | |
| West Nile Virus* | | | | | | | | |
| Dengue Virus | | | | | | | | |
| Epstein-Barr virus | | | | | | | | |
| Human Parvovirus B19 | | | | | | | | |
| Herpes simplex virus | | | | | | | | |
| Nonspecific viral infection | | | | | | | | |
| Other pathogen. | | | | | | | | |
| PARASITIC | | | | | | | | |
| Malaria | Technique not specified | | | | | | NO | |
| | Microscopy | | | | | | | |
| | Plasmodium sp . Ab | YES | NO | N/A | both | Donor history of disease and permanence in endemic regions | | |
| | Plasmodium sp . Ag | | | | | | | |
| | Plasmodium sp . Ag - rapid test | | | | | | | |
| | Plasmodium sp . NAT pool or ID | | | | | | | |
| | Plasmodium sp . NAT ID | | | | | | | |
| Trypanosomiasis | Technique not specified | | | | | | NO | |
| | Microscopy | | | | | | | |
| | Anti-Trypanosoma cruzi | YES | NO | N/A | both | Donors from countries with high prevalence and with mothers from these regions | | |
| | T. cruzi NAT pool or ID | | | | | | | |
| | T. cruzi NAT ID | | | | | | | |
| Other technique | | | | | | | | |
| Babesiosis | | | | | | | | |
| Leishmaniasis | | | | | | | | |
| Toxoplasmosis | | | | | | | | |
| Other pathogen. | | | | | | | | |
| BACTERIAL | | | | | | | | |
| Treponema pallidum (Syphilis) | Technique not specified | | | | | | NO | |
| | Microscopy | | | | | | | |
| | Anti-T. pallidum | YES | NO | N/A | both | all donations | | |

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| | <i>T. pallidum</i> NAT pool or <i>T. pallidum</i> NAT ID Culture Other technique | | | | | | | |
| Neisseria gonorrhoeae | | | | | | | | |
| 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