

INF1131/3 – Organ Donor Screening - Significance of Confirmed Positive Results



Blood and Transplant

Copy No:

Effective date: 20/09/2022

PATHOGEN	ACRONYM/ TEST	MOLECULAR /PCR TESTS FOR:	CONFIRMED POSITIVE USUALLY INDICATES:
Routine markers			
Cytomegalovirus	CMV	anti-CMV antibody	Infected (lifelong infection)
Epstein Barr Virus	EBV	anti-EBV antibody	Infected (lifelong infection)
Hepatitis B Virus	HBsAg	Hepatitis B Surface antigen	Infected; further tests required
	anti-HBc	anti-HBV core (total antibodies)	Current or past infection, further tests may be required
	anti-HBs	anti-HBs Antibodies	Past infection or vaccination, further tests may be required
	HBV DNA	Hepatitis B DNA	Infected; further tests required
Hepatitis C Virus	HCV Ab	anti-HCV antibody	Current or past infection, further tests required
	HCV RNA	HCV RNA	Current infection, further tests required
Human Herpesvirus-8	HHV-8 antibodies	HHV-8 antibodies	Infected (lifelong infection)
Hepatitis E Virus	HEV RNA	Hepatitis E Virus RNA	Infected; further tests required
Human Immunodeficiency Virus type 1 and 2	HIV 1 and 2	anti-HIV- 1 and 2 antibodies and HIV p24 antigen	Infected; further tests required
	HIV RNA	HIV RNA	Infected; further tests required
Human T cell Lymphotropic Virus type I and II	HTLV I and II	anti-HTLV antibody	Infected; further tests required

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Treponema pallidum	Syphilis	anti-treponemal antibody	Current or past infection, further tests required
Additional markers			
Chikungunya virus	Chikungunya	Chikungunya RNA	Infected; further tests required
Dengue virus	Dengue	Dengue RNA	Infected; further tests required
West Nile Virus	WNV	WNV RNA	Current infection, further tests required
Zika virus	Zika	Zika RNA	Current infection, further tests required
SARS-CoV-2	Covid-19	SARS-CoV-2 RNA	Current infection, further tests may be required
Plasmodium spp.	Malaria	Malaria antibody	Current or past infection, further tests will be required
		Malaria DNA	Current infection
Trypanosoma cruzi	T.cruzi	T.cruzi antibody	Current or past infection, further tests may be required
Toxoplasma gondii	Toxoplasma	anti-toxoplasma antibody	Current or past infection, further tests required