

Interpretation of Infectious Disease Marker (IDM) Testing Results

NAME: _____ MR#: _____

Date Testing Performed: _____

This is a general interpretation of infectious disease marker testing performed on stem cell donors.
A non-reactive (or negative) result does not exclude the possibility of exposure to an infectious agent.

Abbreviations: **R** = Reactive; **NR** = Non-reactive; **P** = Positive; **N** = Negative

Instructions for Completion:

- Complete the above section: Donor Name, MR#, and Date testing performed.
- Check the appropriate box below indicating the name and address of the institution completing this form.
- Circle the appropriate number (#) for the result in each infectious disease marker section.
- Sign and Date the form indicating completion on page 2.
- Fax copy to Hoxworth Blood Center Cellular Therapies at 513-558-6614.
- Attach copy to order set for the Hoxworth Blood Center Apheresis Collection staff.

<input type="checkbox"/> CCHMC 3333 Burnet Ave Cincinnati, OH 45229	<input type="checkbox"/> Jewish Hospital 4777 E. Galbraith Rd Cincinnati, OH 45236	<input type="checkbox"/> Akron Children's Hospital 1 Perkin's Square Akron, OH 44308	<input type="checkbox"/> Christ Hospital 2139 Auburn Ave Cincinnati, OH 45219	<input type="checkbox"/> UC Health 234 Goodman Ave Cincinnati, OH 45219
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Hepatitis B Virus (HBV)

#	TEST	RESULT	INTERPRETATION	#	TEST	RESULT	INTERPRETATION
1	HBsAg	NR	No Laboratory evidence for HBV infection.	4	HBsAg	R	Laboratory evidence of new or chronic HBV infection.
	HBsAg supplemental	Not Performed			HBsAg supplemental	P	
	HBcAb (Anti HBc)	NR			HBcAb (Anti HBc)	NR or R	
	HBV NAT	N			HBV NAT	N or P	
2	HBsAg	NR	The presence of anti HBc does not constitute a diagnosis of HBV infection but may indicate recent and/or past HBV infection.	5	HBsAg	NR	Evidence of HBV Infection.
	HBsAg supplemental	Not Performed			HBsAg supplemental	Not Performed	
	HBcAb (Anti HBc)	R			HBcAb (Anti HBc)	NR or R	
	HBV NAT	N			HBV NAT	P	
3	HBsAg	R	The presence of non neutralizable HBsAg does not constitute a diagnosis of HBV infection, often indicates false positive test results.	6	HBsAg	R	The absence of HBsAg supplemental results does not rule out a diagnosis of HBV infection, the other results may support the diagnosis.
	HBsAg supplemental	N			HBsAg Supplemental	No interpretation OR Unconfirmed	
	HBcAb (Anti HBc)	NR or R			HBcAb (Anti-HBc)	N or R	
	HBV NAT	N			HBV NAT	N or P	

*ELISA = Screening test; HBsAg Neutralization = Supplemental testing. NAT = screening test

Human Immunodeficiency Virus (HIV 1& 2)

#	TEST	RESULT	INTERPRETATION	#	TEST	RESULT	INTERPRETATION
1	Anti-HIV 1 and 2	NR	No Laboratory evidence for HIV I/II infection.	4	Anti-HIV 1 and 2	R	Most likely false positive EIA but could be emerging early infection with false negative NAT. Additional testing would be recommended.
	HIV Western Blot	Not Performed			HIV Western Blot	Indeterminate OR No interpretation	
	HIV-I NAT	N			HIV-I NAT	N	
2	Anti-HIV 1 and 2	R	The presence of antibodies does not constitute a diagnosis of HIV I/II infection; often indicates a false positive test result.	5	Anti-HIV 1 and 2	R	Evidence of HIV Infection.
	HIV Western Blot	N			HIV Western Blot	P	
	HIV-I NAT	N			HIV-I NAT	P	
3	Anti-HIV 1 and 2	R	May be false positive EIA and Western Blot or false negative NAT. Additional testing would be recommended.	6	Anti-HIV 1 and 2	R	Evidence of HIV Infection.
	HIV Western Blot	P			HIV Western Blot	Indeterminate OR No interpretation	
	HIV-I NAT	N			HIV-I NAT	P	

* Anti-HIV I/II = Screening test; Western Blot = confirmatory test; NAT = screening test

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NAME: _____ MR#: _____

Date Testing Performed: _____

Hepatitis C (HCV)

#	TEST	RESULT	INTERPRETAION	#	TEST	RESULT	INTERPRETAION
1	Anti-HCV	NR	No laboratory evidence for HCV infection.	4	Anti-HCV	R	Laboratory evidence of past (recovered) HCV infection or perhaps rarely indicates ongoing HCV infection.
	Anti-HCV Supplemental	Not Performed			Anti-HCV Supplemental	P	
	HCV NAT	N			HCV NAT	N	
2	Anti-HCV	NR	Laboratory evidence of early HCV infection; on rare occasion could be a false positive test result.	5	Anti-HCV	R	Laboratory evidence of HCV infection.
	Anti-HCV Supplemental	Not Performed			Anti-HCV Supplemental	N	
	HCV NAT	P			HCV NAT	P	
3	Anti-HCV	R	The presence of antibodies does not constitute a diagnosis of HCV infection; often indicates a false positive test result.	6	Anti-HCV	R	Laboratory evidence of a new or chronic HCV infection.
	Anti-HCV Supplemental	N			Anti-HCV Supplemental	P	
	HCV NAT	N			HCV NAT	P	

* Anti-HCV – Screening test; Second Anti-HCV screening test = supplemental test, NAT = Screening test

Human T-Lymphotropic Virus I/II (HTLV I/II)

Syphilis

#	TEST	RESULT	INTERPRETAION	#	TEST	RESULT	INTERPRETAION
1	Anti-HTLV I/II	NR	No laboratory evidence of HTLV-I/II infection.	1	STS (RPR, VDRL, MHA-TP)	NR	No laboratory evidence of syphilis infection.
	Anti-HTLV-I/II Supplemental	N			TP EIA	NOT PERFORMED	
2	Anti-HTLV I/II Manufacturer's Kit #1	R	The presence of antibodies does not constitute a diagnosis of HTLV-I/II infection; often indicates a false positive test result.	2	STS (RPR, VDRL, MHA-TP)	R	The presence of antibodies does not constitute a diagnosis of syphilis infection; often indicates a false positive test result.
	Anti-HTLV-I/II Supplemental	Inconclusive OR Indeterminate OR Not tested			Syphilis supplemental test	N	
3	Anti-HTLV I/II Manufacturer's Kit #1	R	Laboratory evidence of HTLV-I or HTLV-II infection.	3	STS (RPR, VDRL, MHA-TP)	R	Laboratory evidence of syphilis infection: could be current or historic; on (rare) occasion could be a false positive test result.
	Anti-HTLV-I/II Supplemental	P			Syphilis supplemental test	R	

* Anti-HTLV I/II = Screening test; Western blot= supplemental test.

*STS = Screening test; Captia EIA = Supplemental test.

Chagas

West Nile

#	TEST	RESULT	INTERPRETAION
1	Chagas EIA	NR	No laboratory evidence of Chagas Infection.
	Chagas Supplemental	Not Performed	
2	Chagas EIA	R	The presence of antibodies does not constitute a diagnosis of Chagas infection; often indicates a false positive test result.
	Chagas Supplemental	N	
3	Chagas EIA	R	May indicate Chagas infection or be a false positive.
	Chagas Supplemental	Indeterminate OR Not tested	
4	Chagas EIA	R	Laboratory evidence of Chagas infection; on rare occasion could be a false positive.
	Chagas Supplemental	P	

*EIA = Screening test; T cruzi ESA = supplemental test.

#	TEST	RESULT	INTERPRETATION
1	WNV - NAT	N	No laboratory evidence of WNV infection.
2	WNV - NAT	P	Laboratory evidence of WNV infection; on rare occasion could be a false positive test result.

*NAT = Screening test.

Cytomegalovirus

#	TEST	RESULT	INTERPRETATION
1	Anti-CMV TOTAL	NR	No evidence of CMV infection.
2	Anti-CMV TOTAL	P	Laboratory evidence of CMV infection; on rare occasion could be a false positive test result.

Communicable disease testing was performed by a laboratory certified to perform such testing on human specimens under the Clinical Laboratory Improvement Amendments of 1988 (42 U.S.C. 263a) and 42 CFR part 493; or that has met equivalent requirements as determined by the Centers for Medicare and Medicaid Services in accordance with those provisions.

Physician Signature: _____ Date: _____