

Regulatory Survey ION-5103

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General	
The information has been reviewed in year :	
Organisation name:	Canadian Blood Services Stem Cell Registry
Organisation ION:	ION-5103
Country:	Canada
Year the registry started operations:	1988

Products	comment
Do you provide HPC, Marrow?	yes
Do you provide HPC, Apheresis?	yes
Do you provide HPC, Cord Blood?	yes
Do you provide MNC, Apheresis?	yes
Do you provide NC, Whole Blood?	no

Product quantity		
Data valid for year	2022	
Number of products	National	International
HPC, Marrow products:	8	6
HPC, Apheresis:	41	57
HPC, Cord:	3	9

License	
Organisation is licensed/accredited by the Competent Authority:	yes
Comment:	
Name of Competent Authority:	Canadian Blood Services; Cord Blood Bank is registered with Health Canada
Date of last inspection:	Ottawa - 2017/06 - Edmonton - 2020/09
Link to website of Competent Authority:	http://www.hc-sc.gc.ca/dhp-mps/compli-conform/info-prod/cell/index-eng.php
Can you provide the Legal documentation from the Competent Authority that your organisation is allowed to operate as a registry ?	yes
Is your registry WMDA Certified, WMDA Qualified or WMDA Accredited?	WMDA Accredited
The registry is accredited by any other organisation:	no
If yes, by which organisation?	N/A

Affiliation	
The registry works with the following number of affiliated donor centres:	N/A
The registry audits its donor centres:	N/A
The registry works with the following number of affiliated collection centres:	7

Ther registry audits its collection centres:	yes
The registry works with the following number of affiliated Cord Blood Banks:	1 (within same organization)
The registry audits its Cord Blood Banks:	yes
The registry works with the following number of affiliated transplant centres:	11
The registry audits its transplant centres:	yes
The registry works with the following number of affiliated IDM Testing Laboratories:	2 (within same organization)
The registry audits its IDM Testing Laboratories:	yes
The registry works with the following number of affiliated HLA/other DNA markers testing laboratories:	2
The registry audits its HLA/other DNA markers testing laboratories:	yes
The registry would be able to provide a full list of name/addresses of each affiliated and their licence /accreditation status, on request:	yes
The Cord Blood Banks are FACT-NetCord accredited:	yes
If yes, the following Cord Blood Bank(s) are accredited:	Canadian Blood Services' Cord Blood Bank
The registry is able to provide a copy of all the certificates:	yes
Affiliated centres comply with WMDA Standards and applicable national regulations:	yes
The registry has requirements for affiliated centres in addition to WMDA Standards and applicable national regulations:	yes
If yes, what are these requirements?	Compliance with MOU

Donor policy	
All donors are unpaid volunteers:	yes
All donors are informed about donation process and associated risks:	yes
Donors sign a valid informed consent to donate in the presence of a medical doctor/health care personnel/registry staff:	yes
The registry has systems in place to protect and control access to donor/patient records:	yes
The registry maintains donor anonymity:	yes
The registry has detailed donor evaluation and exclusion criteria in place:	yes
The registry has donor evaluation and exclusion criteria that do meet or exceed the WMDA guidelines:	yes

IDM

IDM	Tested	Method	Days between test and sampling /workup
ALT/ASTALT/AST ratio, De-Ritis-Quotient	No		
ChagasChagas, T. cruzi	On request	Elecsys Chagas	Within 30 days
CMV IgGCytomegalovirus (CMV) Antibody testing IgG	No		
CMV IgMCytomegalovirus (CMV) Antibody testing IgM	No		
CMV TotalCytomegalovirus Total	Yes	Capture-CMV	Within 30 days
EBV IgGEpstein-Barr Virus Antibody testing IgG	No		

EBV IgMEpstein-Barr Virus Antibody testing IgM	No		
HAV (NAT)Anti-hepatitis A virus nucleic acid testing	No		
HBV (NAT)Hepatitis B nucleic acid testing	Yes	cobas® MPX – Multiplex HIV, HCV and HBV nucleic acid test for use on the cobas® 6800/8800 Systems	Within 30 days
HBc AbHepatitis B core antibody testing	Yes	Elecsys Anti-HBc II	Within 30 days
HBs AgHepatitis B Surface antigen testing	Yes	Elecsys HBsAg II	Within 30 days
HCV (NAT)Hepatitis C nucleic acid testing	Yes	cobas® MPX – Multiplex HIV, HCV and HBV nucleic acid test for use on the cobas® 6800/8800 Systems	Within 30 days
HCV AbHepatitis C antibody testing	Yes	Elecsys Anti-HCV II	Within 30 days
HEV (NAT)Hepatitis E Virus nucleic acid testing	No		
HIV (NAT)Human Immunodeficiency Virus nucleic acid testing	Yes	cobas® MPX – Multiplex HIV, HCV and HBV nucleic acid test for use on the cobas® 6800/8800 Systems	Within 30 days
HIV-1 AbHuman Immunodeficiency Virus HIV-1 antibody testing	Yes	Elecsys HIV Duo	Within 30 days
HIV-2 AbHuman Immunodeficiency Virus HIV-2 antibody testing	Yes	Elecsys HIV Duo	Within 30 days
HIV p24Human Immunodeficiency Virus p24 antigen testing	No		
HTLV-IHuman T-Lymphotropic Virus type I testing	Yes	Elecsys HTLV-I/II	Within 30 days
HTLV-IIHuman T-Lymphotropic Virus type II testing	Yes	Elecsys HTLV-I/II	Within 30 days
MalariaMalaria	No		
HSVHerpes Simplex Virus	No		
STSSerological tests for syphilis	Yes	BECKMAN COULTER PK® TP System	Within 30 days
STS FTA-ABSSerological test for syphilis	No		
ToxoplasmosisToxoplasmosis	No		
VZVVaricella Zoster Virus	No		
WNV-NATWest Nile Virus nucleic acid testing	Yes	cobas® WNV – Nucleic acid test for use on the cobas® 6800/8800 Systems	Within 30 days
Other tests performed	Yes	Chagas Antibody testing depending upon responses to Health Screening Chagas Risk questions. Confirmatory testing for repeat reactive HBsAg, HCV Ab, HIV-1 Ab, HIV-2 Ab, HTLV-I Ab, HTLV-II Ab, Syphilis and Chagas screening tests.	

Testing

The physical and medical exam at donor workup is performed by a medical doctor:	y es
All donor testing (at workup) for infectious disease is performed in a laboratory certified/licensed by a Competent Authority:	y es
HLA typing for patient specific request is performed in an appropriately accredited laboratory:	y es
Sterility testing is performed on the adult donor product:	y es
Sterility testing is performed on the cord blood product:	y es

Screening questionnaire to exclude communicable disease:	y es
Screening questionnaire to exclude donors with 'high risk' lifestyles:	y es
Donor reliability identified by a medical doctor:	y es
Donor clearance to donate is confirmed by a medical doctor, following as a minimum the donor exclusion criteria in Annex 1 of EU Directive 2006/17/EC : The party providing the cell product must exclude donors when: <ul style="list-style-type: none"> • They are pregnant; • They are breastfeeding; • There is the potential for transmission of inherited conditions; • There is evidence of any other risk factors for transmissible diseases on the basis of a risk assessment, taking into consideration <i>Donor travel and exposure history and local infectious disease prevalence</i>; • There is presence on the donor's body of physical signs implying a risk of transmissible disease(s); • There is a history of a disease of unknown aetiology; • There is a risk of transmission of diseases caused by prions; • There is systemic infection which is not controlled at the time of donation, including bacterial diseases, systemic viral, fungal or parasitic infections, or significant local infection in the tissues and cells to be donated; • There is history of chronic, systemic autoimmune disease that could have a detrimental effect on the quality of the Cell Product; • There is recent history of vaccination with a live attenuated virus where a risk of transmission is considered to exist; • There is ingestion of, or exposure to, a substance (such as cyanide, lead, mercury, gold) that may be transmitted to recipients in a dose that could endanger their health. 	

Customs regulations

Are there any customs regulations to follow, or customs paperwork required, to import cell products into the organisation country? If yes, please specify:	Yes
Are there any customs regulations to follow, or customs paperwork required, to export cell products from the organisation country? If yes, please specify:	Yes
Are there any import regulations to follow, or paperwork required, to import cell products into the organisation country? If yes, please specify:	Yes
Are there any export regulations to follow, or paperwork required, to export cell products from the organisation country? If yes, please specify:	Yes

Reporting of Serious Adverse Events

Please indicate which of the following schemes for reporting Serious Adverse Events relating to either the Donor or the product the Registry participates in:	
- Mandatory National Reporting Scheme	no
- Voluntary National Reporting Scheme	no
- WMDA SEAR/SPEAR Reporting Scheme	y es
The registry will notify the receiving Registry within 24 hours of receiving information relating to any serious adverse event that could be considered to affect the patient receiving the product:	y es

Quality management

The registry does maintain Standard Operating Procedures for your work:	yes
The registry would be willing to provide these to WMDA or another registry upon request:	yes
The registry would be willing to provide WMDA or another registry, on request, with copies of any packaging the HPC product will arrive in:	yes
Donor records relating to the medical exam and HPC collection process are the following number(s) of year(s) retained:	30 years