

# Donor Testing

Highlighted items indicate where Fairfax Cryobank is the only sperm bank performing this test or using a more sensitive testing methodology (NAT by PCR)



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## GENETIC DISEASE TESTING

### ALL DONORS

Chromosome Analysis (karyotype)  
Cystic Fibrosis (86+ mutations)  
Hemoglobin Electrophoresis

### ALL NEW DONORS SINCE JUNE 2008

Spinal Muscular Atrophy (SMA)  
Contact us for a list of tested donors

### DONOR OF ASHKENAZI JEWISH ANCESTRY

Tay Sachs disease  
Canavan disease  
Gaucher disease  
Fanconi-Anemia Type-C  
Niemann-Pick Type A  
Familial Dysautonomia  
Bloom syndrome  
Mucopolidosis Type IV

### DONORS OF FRENCH CANADIAN ANCESTRY

Tay Sachs disease

### DONOR OF IRISH ANCESTRY

Tay Sachs Disease—tested on new donors starting June 2008

### DONORS OF ASIAN, MIDDLE EASTERN OR MEDITERRANEAN ANCESTRY

Thalassemia

### DONORS OF AFRICAN-AMERICAN, BLACK ANCESTRY

Sickle Cell disease and other hemoglobinopathies

## INFECTIOUS DISEASE TESTING

### SEROLOGICAL TESTING

HIV-1 and HIV-2 antibody  
Hepatitis B surface antigen and core antibody  
Hepatitis C antibody  
Cytomegalovirus (CMV) antibody  
Syphilis (RPR)  
HTLV-I and II antibody

### POLYMERASE CHAIN REACTION (PCR) NAT TESTING

HIV 1  
HIV 2  
HTLV I & II  
HCV  
Chlamydia  
Gonococcus  
Cytomegalovirus  
Herpes simplex virus 1 & 2 (HSV)  
Human papillomavirus (HPV)

*All infectious disease testing is repeated every 6 months plus all donors undergo an extensive physical*