

Fairfax Cryobank

The Trusted Choice for Donor Sperm

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)

GENETIC DISEASE TESTING

ALL DONORS

Chromosome Analysis (karyotype)
Cystic Fibrosis (86+ mutations)
Hemoglobin Electrophoresis
Spinal Muscular Atrophy (SMA) on new donors starting in 2008

DONOR OF ASHKENAZI JEWISH ANCESTRY

Tay Sachs disease
Canavan disease
Gaucher disease
Fanconi Anemia Type-C
Niemann-Pick Type A
Familial Dysautonomia
Bloom syndrome
Mucopolysaccharidosis Type IV
ABCC 8-Related Hyperinsulinism
Glycogen Storage Disease 1A
Lipoamide Dehydrogenase Deficiency
Maple Syrup Urine Disease 1 B
Usher Syndrome Type 1F and Type 3

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

