GENETIC TEST SUMMARY

Donor: 14114

ANCESTRY	JEWISH ANCESTRY?*
English, Welsh	No

IT IS STRONGLY RECOMMENDED THAT YOU DISCUSS THE DONOR'S RESULTS WITH YOUR PHYSICIAN **PRIOR TO SHIPMENT** TO VERIFY THAT THIS DONOR IS SUITABLE FOR YOUR USE.

TEST RESULTS

GENETIC TEST	RESULT	DETAILS / ESTIMATED RESIDUAL RISK**
Chromosome (karyotype) analysis	Normal male karyotype	No evidence of a clinically significant chromosome abnormality
Hemoglobin evaluation	Normal hemoglobin fractionation and MCV/MCH results	Reduced risk to be a carrier for sickle cell anemia, thalassemias, and other hemoglobinopathies
Cystic fibrosis carrier screening	Negative by targeted mutation analysis	1/420
Spinal muscular atrophy carrier screening	Negative for deletions(s) of exon 7 of the SMN1 gene	1/834
Herlitz Junctional Epidermolysis Bullosa	Negative by selective sequencing of the LAMC2 gene	1 in 666
Glutaric Acidemia, Type I (GCDH)	Negative by sequencing analysis of the GCDH gene	1/1,900
Lamellar Ichthyosis, Type 1 (TGM1)	Negative by sequencing analysis of the TGM1 gene	1/1,100
Methylmalonic Aciduria/Homocystinuria: type cblC (MMACHC)	Negative by sequencing analysis of the MMACHC gene	1/6,800

ALL people carry genetic mutations for disorders inherited in an autosomal recessive (AR) manner, and some of these mutations can be detected by genetic carrier screening. A person's offspring are not expected to develop that condition unless they inherit mutations for the same AR condition from BOTH parents. Therefore, CCB strongly recommends that all recipients and their physicians discuss a donor's genetic test results PRIOR to shipment of a donor's specimens, to ensure that the results are suitable for the recipient's reproductive plans. CCB also recommends that the recipient meet with a genetic counselor who can help to explain the donor's results and testing options that may be appropriate for the recipient to consider.

Genetic testing can only reduce the chance for specific inherited conditions in a donor's offspring; it cannot eliminate the risks for those specific disorders or other untested conditions. There is always a 3 to 4% chance to have a child with a medical issue, regardless of the screening performed.

*Please see the Donor Profile for details on the type of Jewish ancestry (Ashkenazi, Sephardic, maternal, paternal, etc.).