



## Donor 2712

### Genetic Testing Summary

Fairfax Cryobank recommends reviewing this genetic testing summary with your healthcare provider to determine suitability.

Last Updated: 04/23/24

Donor Reported Ancestry: German, Russian

Jewish Ancestry: Yes

Genetic Test*	Result	Comments/Donor's Residual Risk**
Chromosome analysis (karyotype)	Normal male karyotype	No evidence of clinically significant chromosome abnormalities
Hemoglobin evaluation	Normal hemoglobin fractionation and MCV/MCH results	Reduced risk to be a carrier for sickle cell anemia, beta thalassemia, alpha thalassemia trait (aa/-- and a-/a-) and other hemoglobinopathies
Cystic Fibrosis (CF) carrier screening	Negative by genotyping of 97 mutations in the CFTR gene	1/834
Tay Sachs Enzyme	Non-carrier by Hexisaminidase A analysis	
Limited genetic testing of 9 genes	Negative by genotyping (2006)	
<b>Special Testing</b>		
Gene: PAH	Non-carrier for 22 mutations by genotyping (2007)	

\*No single test can screen for all genetic disorders. A negative screening result significantly reduces, but cannot eliminate, the risk for these conditions in a pregnancy.

\*\*Donor residual risk is the chance the donor is still a carrier after testing negative.

Patient Name: Donor, 2712

Referring Physician: [REDACTED]

Specimen #: [REDACTED]

Patient ID: [REDACTED]

Client #: [REDACTED]

Case #: [REDACTED]

Fairfax Cryobank  
Genetics and IVF Institute  
3015 Williams Drive  
Suite 110  
Fairfax VA 22031

DOB: Not Given

Sex: M

SSN: [REDACTED]

Date Collected: 11/14/2006

Date Received: 11/15/2006

Lab ID: [REDACTED]

Hospital ID: [REDACTED]

Specimen Type: BLDPER

Ethnicity: Ashkenazi Jewish

Indication: Gamete donor

Disease	Result	Interpretation
Bloom Syndrome	Negative	Negative for mutation analyzed. This result reduces but does not eliminate the risk to be a carrier.
Canavan Disease	Negative	Carrier risk reduced from 1/57 (1.75%) to 1/2801 (0.04%).
Cystic Fibrosis	Negative	Carrier risk reduced from 1/26 (3.9%) to 1/834 (0.1%).
Familial Dysautonomia	Negative	Negative for mutations analyzed. This result reduces but does not eliminate the risk to be a carrier.
Fanconi Anemia - C	Negative	Negative for mutation analyzed. This result reduces but does not eliminate the risk to be a carrier.
Gaucher Disease	Negative	Carrier risk reduced from 1/15 (6.6%) to 1/281 (0.4%).
Mucopolidosis Type IV	Negative	Carrier risk reduced from 1/122 (0.8%) to 1/3026 (0.03%).
Niemann-Pick Type A	Negative	Carrier risk reduced from 1/90 (1.1%) to 1/1781 (0.06%).
Tay-Sachs - DNA	Negative	Carrier risk reduced from 1/30 (3.3%) to 1/363 (0.3%) based on mutation analysis.

(REPORT CONTINUED ...)

Date: 11/27/2006

Patient Name: Donor, 2712

Referring Physician: [REDACTED]

Specimen #: [REDACTED]

Patient ID: [REDACTED]

...Continued From Page 1

Disease	Result	Interpretation		
Tay-Sachs - Enzyme	Hex. Activity: 1597 nmol/mg protein Hex. Percent A: 61.1	Non carrier  Non carrier range: Hex A Carrier range : Hex A	Plasma/Serum WBC >= 55% 20 - 48%	= 55% 20 - 49%

**COMMENTS:****DNA:**

The negative results from this analysis cannot eliminate the possibility that this individual carries a mutation not detected by this test. Unless otherwise noted, interpretations are based on a negative family history and the absence of symptoms.

This interpretation is based on the clinical information provided and the current understanding of the molecular genetics of these conditions. Although DNA-based testing is highly accurate, rare diagnostic errors may occur. Examples include misinterpretation because of genetic variants, blood transfusion, bone marrow transplantation, or erroneous representation of family relationships or contamination of a fetal sample with maternal cells.

**Enzyme: [ White Blood Cells ]**

This result is within the non-carrier range for Tay-Sachs disease. Less than 0.1% of patients having non-carrier levels of Hexosaminidase-A activity are Tay-Sachs carriers.

**NOTE:** Maximum sensitivity and specificity for Tay-Sachs disease carrier testing are achieved by using enzymology and DNA mutation analysis together.

**METHOD:**

DNA is isolated from the sample and amplified for disease specific regions using the polymerase chain reaction (PCR). Mutations are identified by hybridization to allele specific oligonucleotides or by solution-phase multiplex allele-specific primer extension with subsequent mutation-specific hybridization and detection.

This test was developed and its performance characteristics determined by Genzyme Genetics. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. The laboratory is regulated under the Clinical Laboratory Improvement Amendments of 1988 (CLIA) as qualified to perform high complexity clinical testing.

**MUTATIONS ANALYZED / DETECTION RATE****Bloom Syndrome**

2281del6ins7

Among Ashkenazi Jewish individuals, the mutation analyzed has a 1/100 carrier frequency and a 97% detection rate (Ellis, N. et al. Am. J. Hum. Genet. 63:1685, 1998; Shahrabani-Gargir, L. et al. Genetic Testing 2:293, 1998). In the non-Ashkenazi Jewish population, the mutation is very rare and the detection rate unknown.

(REPORT CONTINUED ...)

Date: 11/27/2006

Patient Name: Donor, 2712

Referring Physician: [REDACTED]

Specimen #: [REDACTED]

Patient ID: [REDACTED]

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## Canavan Disease

433-2A&gt;G Y231X E285A A305E

Among Ashkenazi Jewish individuals with no family history, the prior carrier risk is 1/57 and the mutation detection rate is 98% (Feigenbaum et al. Am. J. Med. Genet. 124A(2):142, 2004; Kaul, R. et al., Am. J. Hum. Genet. 55:34, 1994). Among non-Jewish, European Caucasian individuals, the prior carrier risk is unknown and the mutations analyzed have an approximately 50% detection rate (Sistmans et al. Eur. J. Hum. Genet. 8:557, 2000). The detection rate may be lower in other non-Jewish ethnic groups.

## Cystic Fibrosis

ΔF311	2043delG	3120+1G>A	4016insT	712-1G>T	G330X	Q359K/T360K	R347P	S549N
ΔF508	2055del9>A	3120G>A	405+1G>A	935delA	G480C	Q493X	R352Q	S549R T>G
ΔI507	2105del13ins5	3171delC	405+3A>C	936delTA	G542X	Q552X	R553X	T338I
1078delT	2108delA	3199del6	406-1G>A	A455E	G551D	Q890X	R560T	V520F
1288insTA	2143delT	3659delC	444delA	A559T	G85E	R1066C	R709X	W1089X
1677delTA	2183delAA>G	3667delA	457TAT>G	C524X	K710X	R1158X	R75X	W1204X
1717-1G>A	2184delA	3791delC	574delA	CFTRdele2,3	L206W	R1162X	R764X	W1282X
1812-1G>A	2184insA	3849+10kbC>T	621+1G>T	D1152H	M1101K	R117C	S1196X	Y1092X C>A
1898+1G>A	2307insA	3876delA	663delT	E60X	N1303K	R117H	S1251N	Y1092X C>G
1898+5G>T	2789+5G>A	3905insT	711+1G>T	E92X	P574H	R334W	S1255X	Y122X
1949del84	2869insG	394delTT	711+5G>A	G178R	Q1238X	R347H	S364P	

This 97 mutation assay discriminates between ΔF508 and the following polymorphisms: F508C, I506V and I507V.

## Mutation Detection Rates among Ethnic Groups

Detection rates are based on mutation frequencies in patients affected with cystic fibrosis. Among individuals with an atypical or mild presentation (e.g. congenital absence of the vas deferens, pancreatitis) detection rates may vary from those provided here.

Ethnicity	Carrier risk reduction when no family history	Detection rate	References
African American	1/65 to 1/338	81%	Genet in Med 3:168, 2001
Ashkenazi Jewish	1/26 to 1/834	97%	Am J Hum Genet 51:951, 1994
Asian		Not Provided	Insufficient data
Caucasian	1/25 to 1/343	93%	Genet in Med 3:168, 2001; Genet in Med 4:90, 2002
Hispanic	1/46 to 1/205	78%	Genet in Med 3:168, 2001; www.dhs.ca.gov/pch/gdb/html/PDE/CFStudy.htm
Jewish, non-Ashkenazi		Varies by country of origin	Genet Testing 5:47, 2001, Genet Testing, 1:35, 1997
Other or Mixed Ethnicity		Not Provided	Detection rate not determined and varies with ethnicity

## Familial Dysautonomia

2507+6T&gt;C R696P

In the Ashkenazi Jewish population, the carrier frequency is approximately 1/30 and the mutations analyzed have a greater than 99.5% detection rate (Slaugenhaupt, SA. Am. J. Hum. Genet. 68:598, 2001; Anderson, SL. Am. J. Hum. Genet. 68:753, 2001). Familial dysautonomia is considered very rare among non-Ashkenazi Jewish individuals.

(REPORT CONTINUED ...)

Date: 11/27/2006

D. Alexa Sirko-Osadsa, Ph.D.

Molecular Testing Performed At Genzyme Genetics 3400 Computer Drive Westborough, MA 01581 1-800-255-7357  
 Biochemical Testing Performed At Genzyme Genetics 2000 Viligen Way Santa Fe, NM 87505 1-800-848-4438

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Patient Name: Donor, 2712

Referring Physician: [REDACTED]

Specimen #: [REDACTED]

Patient ID: [REDACTED]

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## Fanconi Anemia - C

## IVS4+4 A&gt;T

In the Ashkenazi Jewish population, the IVS4+4A>T mutation is the only FA-C mutation reported and has a carrier frequency of 1/89 (Auerbach, AD. Genetic Testing 1:27, 1997). This mutation has not been found in any affected individual of non-Jewish ancestry.

## Gaucher Disease

1226G 84GG 1448C IVS2+1G&gt;A 1604A

## Alternative Nomenclature:

N370S G insertion L444P Intron 2 R496H

Among Ashkenazi Jewish individuals, the prior carrier risk is 1/15 and the mutations analyzed have a detection rate of 95% (Beutler, E. et al. Am. J. Hum. Genet. 52:85, 1993). The prior carrier risk is lower and the mutations analyzed have a 70% detection rate among non-Ashkenazi Jewish individuals (Beutler, E. et al. AJDC 147:1175, 1993).

## Mucopolidosis Type IV

## IVS3-2A&gt;G EX1-EX7del

The mutations analyzed account for 96% of the MLIV mutations in affected individuals of Ashkenazi Jewish descent (Slaugenhaupt et al. Am. J. Hum. Genet. 65:773, 1999). The frequency of these two mutations is 1/127 among healthy Ashkenazi Jewish individuals (Edelmann et al. Am. J. Hum. Genet. 70:1023, 2002). The calculated carrier frequency is 1/122 in the Ashkenazi Jewish population. Mucopolidosis Type IV is considered extremely rare among non-Ashkenazi Jewish individuals.

## Niemann-Pick Type A

R496L fsP330 L302P

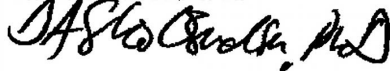
Among Ashkenazi Jewish individuals, the three Niemann-Pick type A disease mutations analyzed have a detection rate of 95% and a carrier frequency of 1/90 (Schuchman, E.H. & Miranda, S.R.P. Genetic Testing 1(1):13, 1997). The detection rate and prior carrier frequency in the non-Ashkenazi Jewish population have not been determined but are expected to be low.

## Tay-Sachs - DNA

+TATC1278 1421+1 G&gt;C Δ7.6kb G269S IVS7+1 G&gt;A IVS9+1 G&gt;A R247W R249W

Four mutations and two pseudodeficiency alleles detect approximately 94% of Ashkenazi Jewish and 60% of non-Jewish individuals identified as carriers by enzyme analysis (Kaback, M. et al. JAMA 270:2307, 1993). Two additional mutations, Δ7.6kb and IVS7+1G>A, are frequent among French Canadians. The prior carrier risk is 1/30 among Ashkenazi Jews and may vary by ethnic and geographic origin for non-Jewish individuals. The benign pseudodeficiency alleles (R247W, R249W) do not increase the risk for Tay-Sachs disease and account for 36% of non-Jewish and 2% of Ashkenazi Jewish individuals with positive enzyme results. Given the variability in prior carrier risk and detection rate and the high proportion of pseudodeficiency alleles, individual risk reductions are not provided for individuals of mixed or non-Ashkenazi Jewish ethnicity.

Under the direction of:



Additional approvals by:

Enzyme: Stanford Marenberg, Ph.D.

Cystic Fibrosis: Lynne Rosenblum-Vos, Ph. D.

D. Alexa Sirko-Osadsa, Ph.D.



Date: 11/27/2006 Page 4

Patient Name: 2712, .

Referring Physician: [REDACTED]

Specimen #: [REDACTED]

Client #: [REDACTED]

Patient ID: [REDACTED]

Fairfax Cryobank  
Genetics and IVF Institute  
3015 Williams Drive  
Suite 110  
Fairfax VA 22031

DOB: Not Given

Date Collected: 12/19/2006

SSN:

Date Received: 12/20/2006

Lab ID: [REDACTED]

Hospital ID:

Specimen Type: **Peripheral Blood****Indication:** Gamete donor**Metaphases Counted:** 20**Banding Technique:** GTW**Metaphases Analyzed:** 5**Number of Cultures:** 2**Banding Resolution:** 525**Metaphases Karyotyped:** 2**Dept. Section:** B1**RESULTS: 46,XY****Male karyotype****INTERPRETATION:**

This analysis shows no evidence of clinically significant numerical or structural chromosome abnormalities. The standard cytogenetic methodology utilized in this analysis does not routinely detect small rearrangements and low level mosaicism, and cannot detect microdeletions.

Signed:

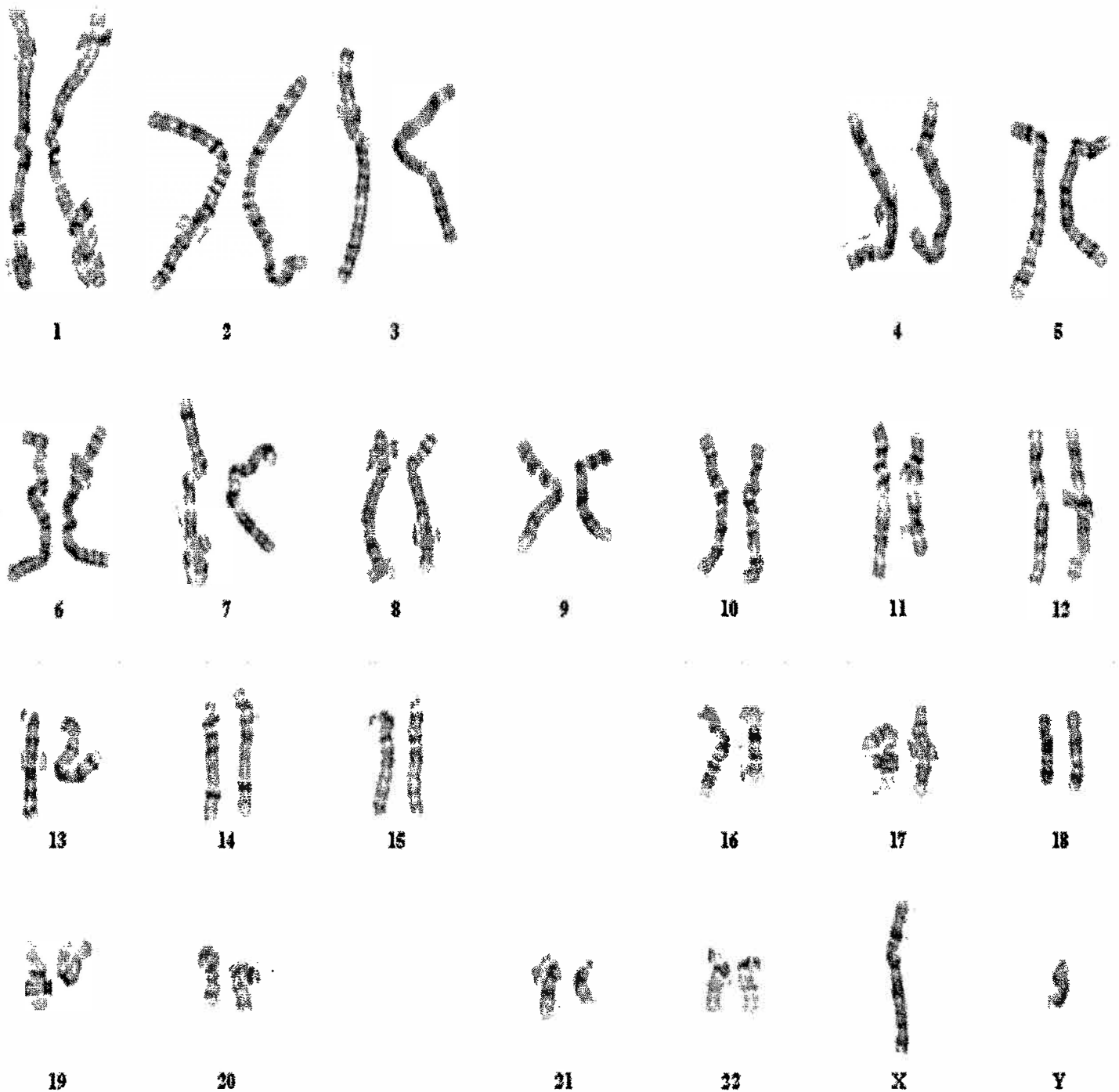


Date: 12/27/2006



David M. De Bauche, Ph.D.

Page 1 of 1



Specimen #: [REDACTED]  
 Specimen Type: BLDPER  
 Patient Name: 2712, .  
 Image ID: AKE1  
 Karyotype: 46,XY

Dept ID: B1  
 Date Received: 12/20/2006  
 Date Reviewed: 12/27/2006  
 Reviewed By: DMD

PATIENT INFORMATION  
2712

REPORT STATUS **Final**

QUEST DIAGNOSTICS INCORPORATED  
CLIENT SERVICE 410.247.9100

DOB: Age: ?  
GENDER: M

ORDERING PHYSICIAN

SPECIMEN INFORMATION

SPECIMEN:  
REQUISITION:  
LAB REF NO:

CLIENT INFORMATION  
507059  
FAIRFAX CRYOBANK  
3015 WILLIAMS DR STE 110  
FAIRFAX, VA 22031

COLLECTED: 11/09/2006 00:00  
RECEIVED: 11/10/2006 22:19  
REPORTED: 11/14/2006 08:56

COMMENTS: 2712-061109

Test Name	In Range	Out of Range	Reference Range	Lab
✓ CHOLESTEROL, TOTAL*				QBA
CHOLESTEROL	141		<200 MG/DL	
✓ AST				QBA
AST	26		3-50 U/L	
✓ ALT				QBA
ALT	32		3-60 U/L	
✓ CBC (INCLUDES DIFF-PLT)				QBA
WHITE BLOOD CELL COUNT	4.1		3.8-10.8 THOUS/MCL	
RED BLOOD CELL COUNT	4.87		4.20-5.80 MILL/MCL	
HEMOGLOBIN	15.0		13.2-17.1 G/DL	
HEMATOCRIT	43.5		38.5-50.0 %	
MCV	89		80-100 FL	
MCH	30.8		27-33 PG	
MCHC	34.4		32-36 G/DL	
PLATELET COUNT	228		140-400 THOUS/MCL	
RDW	11.5		11.0-15.0 %	
MPV	9.9		7.5-11.5 FL	
ABSOLUTE NEUTROPHILS	1943		1500-7800 CELLS/MCL	
ABSOLUTE LYMPHOCYTES	1296		850-3900 CELLS/MCL	
ABSOLUTE MONOCYTES	320		200-950 CELLS/MCL	
ABSOLUTE EOSINOPHILS	537		15-550 CELLS/MCL	
ABSOLUTE BASOPHILS	4		0-200 CELLS/MCL	
NEUTROPHILS	47.4		%	
LYMPHOCYTES	31.6		%	
REACTIVE LYMPHOCYTES	0.0		%	
MONOCYTES	7.8		%	
EOSINOPHILS	13.1		%	
BASOPHILS	0.1		%	
COMMENT				

Platelets appear adequate.

✓ BLOOD GROUP & RH  
BLOOD GROUP

QBA

A

Testing performed on a lavender top (EDTA) tube. In the future, please draw all specimens for routine blood bank testing in yellow top (ACD solution B) tubes (order number ASPB300352). Previous results for the ABO Blood and Rhesus blood group systems tests are not routinely reviewed.

RH TYPE

POSITIVE

Previous results for the ABO Blood and Rhesus blood group systems tests are not routinely reviewed.



PATIENT INFORMATION  
2712

REPORT STATUS **Final**

QUEST DIAGNOSTICS INCORPORATED

DOB:

Age: ?

ORDERING PHYSICIAN

REPORTED: 11/14/2006 08:56

COLLECTED: 11/09/2006 00:00

GENDER: M

Test Name	In Range	Out of Range	Reference Range	Lab
HEMOGLOBINOPATHY EVALUATION				QBA
RED BLOOD CELL COUNT	4.87		4.20-5.80 MILL/MCL	
HEMOGLOBIN	15.0		13.2-17.1 G/DL	
HEMATOCRIT	43.5		38.5-50.0 %	
MCV	89		80-100 FL	
MCH	30.8		27-33 PG	
	Platelets appear adequate.			
RDW	11.5		11.0-15.0 %	
HEMOGLOBIN A1	97.6		>96.0 %	
HEMOGLOBIN F	NONE DETECTED		0.0-1.9	
HEMOGLOBIN A2	2.4		1.8-3.5 %	
HGB SCREEN INTERPRETATION	THE HEMOGLOBINOPATHY SCREEN IS NORMAL.			
ABNORMAL HEMOGLOBIN #1 %:	0.0		%	

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**Performing Laboratory Information:**

QBA Quest Diagnostics Incorporated 1901 Sulphur Spring Road Baltimore MD 21227 Laboratory Director: Robert R. L. Smith, M.D.

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Ordering Practice:

Practice Code: 926  
Fairfax Cryobank  
3015 Williams Drive, #110, Fairfax, VA,  
22031, US  
Physician: Suzanne Seitz  
Report Generated: 2017-03-09

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Donor 2712

DOB: [REDACTED]  
Gender: Male  
Ethnicity: Jewish  
Procedure ID: 84995  
Kit Barcode: [REDACTED]  
Specimen: Sperm, #86018  
Specimen Collection: 2007-05-11  
Specimen Received: 2017-02-28  
Specimen Analyzed: 2017-03-07

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Partner Not Tested**TEST INFORMATION**

Test: CarrierMap<sup>GEN</sup> (Genotyping)  
Panel: Custom Panel  
Diseases Tested: 1  
Genes Tested: 1  
Mutations Tested: 62

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**SUMMARY OF RESULTS: NO MUTATIONS IDENTIFIED**

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Donor 2712 was not identified to carry any of the mutation(s) tested.

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No pathogenic mutations were identified in the genes tested, reducing but not eliminating the chance to be a carrier for the associated genetic diseases. CarrierMap assesses carrier status for genetic disease via molecular methods including targeted mutation analysis and/or next-generation sequencing; other methodologies such as CBC and hemoglobin electrophoresis for hemoglobinopathies and enzyme analysis for Tay-Sachs disease may further refine risks for these conditions. Results should be interpreted in the context of clinical findings, family history, and/or other testing. A list of all the diseases and mutations screened for is included at the end of the report. This test does not screen for every possible genetic disease.

For additional disease information, please visit [recombine.com/diseases](http://recombine.com/diseases). To speak with a Genetic Counselor, call 855.OUR.GENES.

Assay performed by 

Reprogenetics

CLIA ID: 31D1054821

3 Regent Street, Livingston, NJ 07039

Lab Technician: Bo Chu

Recombine CLIA # 31D2100763

Reviewed by Pere Colls, PhD, HCLD, Lab Director

## Methods and Limitations

**Genotyping:** Genotyping is performed using the Illumina Infinium Custom HD Genotyping assay to identify mutations in the genes tested. The assay is not validated for homozygous mutations, and it is possible that individuals affected with disease may not be accurately genotyped.

**Limitations:** In some cases, genetic variations other than that which is being assayed may interfere with mutation detection, resulting in false-negative or false-positive results. Additional sources of error include, but are not limited to: sample contamination, sample mix-up, bone marrow transplantation, blood transfusions, and technical errors. The test does not test for all forms of genetic disease, birth defects, and intellectual disability. All results should be interpreted in the context of family history; additional evaluation may be indicated based on a history of these conditions. Additional testing may be necessary to determine mutation phase in individuals identified to carry more than one mutation in the same gene. All mutations included within the genes assayed may not be detected, and additional testing may be appropriate for some individuals.

This test was developed and its performance determined by Recombine, Inc., and it has not been cleared or approved by the U.S. Food and Drug Administration (FDA). The FDA has determined that such clearance or approval is not necessary.

## Diseases & Mutations Assayed

Phenylalanine Hydroxylase Deficiency (PAH): Mutations (62): α Genotyping | c.1066-11G>A (IVS10-11G>A), c.1315+1G>A (IVS12+1G>A), c.1241A>G (p.Y414C), c.1222C>T (p.R408W), c.754C>T (p.R252W), c.1223G>A (p.R408Q), c.473G>A (p.R158Q), c.782G>A (p.R261Q), c.814G>T (p.G272X), c.143T>C (p.L48S), c.194T>C (p.I65T), c.896T>G (p.F299C), c.842C>T (p.P281L), c.838G>A (p.E280K), c.117C>G (p.F39L), c.3G>A (p.M1I), c.1A>G (p.M1V), c.611A>G (p.Y204C), c.721C>T (p.R241C), c.727C>T (p.R243X), c.1139C>T (p.T380M), c.926C>T (p.A309V), c.898G>T (p.A300S), c.734T>C (p.V245A), c.818C>T (p.S273F), c.997C>T (p.L333F), c.199T>C (p.S67P), c.1042C>G (p.L348V), c.136G>A (p.G46S), c.728G>A (p.R243Q), c.745C>T (p.L249F), c.581T>C (p.L194P), c.722G>T (p.R241L), c.829T>G (p.Y277D), c.899C>T (p.A300V), c.926C>A (p.A309D), c.1045T>C (p.S349P), c.1157A>G (p.Y386C), c.1169A>G (p.E390G), c.331C>T (p.R111X), c.241\_256delACCCATTGGATAAAC (p.T81fs), c.442-1G>A (IVS4-1G>A), c.463\_464insTGTGTACC (p.R155fs), c.569T>G (p.V190G), c.682G>T (p.E228X), c.755G>A (p.R252Q), c.770G>T (p.G257V), c.781C>T (p.R261X), c.800A>G (p.Q267R), c.842+5G>A (IVS7+5G>A), c.856G>A (p.E286K), c.904delT (p.F302fs), c.913-7A>G (IVS8-7A>G), c.935G>T (p.G312V), c.1068C>G (p.Y356X), c.1238G>C (p.R413P), c.1301C>A (p.A434D), c.842+2T>A (IVS7+2T>A), c.764T>C (p.L255S), c.722G>A (p.R241H), c.533A>G (p.E178G), c.456\_706+138del11653

## Residual Risk Information

Detection rates are calculated from the primary literature and may not be available for all ethnic populations. The values listed below are for genotyping. Sequencing provides higher detection rates and lower residual risks for each disease. More precise values for sequencing may become available in the future.

Disease	Carrier Rate	Detection Rate	Residual Risk
Phenylalanine Hydroxylase Deficiency	♂ Arab: Unknown	46.08%	Unknown
	♂ Ashkenazi Jewish: 1/224	44.44%	1/403
	♂ Brazilian: 1/71	56.41%	1/163
	♂ Chinese: 1/51	76.57%	1/218
	♂ Cuban: 1/71	69.64%	1/234
	♂ European: 1/51	73.00%	1/189
	♂ French Canadian: 1/80	76.27%	1/337
	♂ Iranian: 1/31	66.94%	1/94
	♂ Korean: 1/51	57.58%	1/120
	♂ Non-Ashkenazi Jewish: Unknown	63.64%	Unknown
	♂ Slovakian Gypsy: 1/39	>99%	<1/3,900
	♂ Spanish Gypsy: 1/4	93.75%	1/64
	♂ Taiwanese: Unknown	83.10%	Unknown
	♂ US Amish: 1/16	86.84%	1/122