Midwest Sperm Bank

PATIENT RELEASE FOR DONOR GENETIC MATCHING

I, _____, have consulted with my physician concerning the use of **Donor** 714 and his genetic profile (see below). I understand that it is solely my responsibility to seek genetic counseling as well as genetic testing. By using donor _____ for purposes of therapeutic insemination/IVF, I hereby release Midwest Sperm Bank from all liability claims associated with the use of **Donor** 714.

Signature of Client: _____ Date: __/__/____

Signature of Medical Director: _____ Date: __/__/____

Donor # 714 is a carrier for the recessive disorder of

ABCC8-RELATED HYPERINSULINISM

which has a reproductive risk of 1 in 450.

GRACILE SYNDROME

which has a reproductive risk of 1 in 2000.

_____

which has a reproductive risk of 1 in _____.

Counsyl

RESULTS RECIPIENT
MIDWEST SPERM BANK
Attn: Dr. Amos Madanes
4333 Main St
Downers Grove, IL 60515-2869
Phone: (630) 810-0217
Fax: (630) 810-0490
NPI: 1184790222
Report Date: 09/20/2018

MALE
AB 714
[redacted]
Ethnicity: Northern European
Sample Type: EDTA Blood
Date of Collection: 09/11/2018
Date Received: 09/14/2018
Date Tested: 09/20/2018
Barcode: 11004212509830
Indication: Egg or sperm donor

FEMALE
N/A

Foresight™ Carrier Screen

POSITIVE: CARRIER

ABOUT THIS TEST

The **Counsyl Foresight Carrier Screen** utilizes sequencing, maximizing coverage across all DNA regions tested, to help you learn about your chance to have a child with a genetic disease.

RESULTS SUMMARY

Risk Details	AB 714	Partner
Panel Information	Foresight Carrier Screen Universal Panel **(175 conditions tested)**	N/A
POSITIVE: CARRIER ABCC8-related Hyperinsulinism **Reproductive Risk: 1 in 450** **Inheritance: Autosomal Recessive**	**CARRIER*** NM_000352.3(ABCC8):c.2041-21G>A heterozygote †	The reproductive risk presented is based on a hypothetical pairing with a partner of the same ethnic group. Carrier testing should be considered. See "Next Steps".
POSITIVE: CARRIER GRACILE Syndrome **Reproductive Risk: 1 in 2,000** **Inheritance: Autosomal Recessive**	**CARRIER*** NM_004328.4(BCS1L):c.399delA heterozygote †	The reproductive risk presented is based on a hypothetical pairing with a partner of the same ethnic group. Carrier testing should be considered. See "Next Steps".

†Likely to have a negative impact on gene function.
*Carriers generally do not experience symptoms.

No disease-causing mutations were detected in any other gene tested. A complete list of all conditions tested can be found on page 8.

CLINICAL NOTES

- None

NEXT STEPS

- Carrier testing should be considered for the diseases specified above for the patient's partner, as both parents must be carriers before a child is at high risk of developing the disease.
- Genetic counseling is recommended and patients may wish to discuss any positive results with blood relatives, as there is an increased chance that they are also carriers.