Midwest Sperm Bank

PATIENT RELEASE FOR DONOR GENETIC MATCHING

I, _____, have consulted with my physician concerning the use of **Donor** 742 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** 742.

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

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

Donor # 742 is a carrier for the recessive disorder of

NEPHROTIC SYNDROME, NPHS2-RELATED

which has a reproductive risk of 1 in 110,000.

_____

which has a reproductive risk of 1 in _____.

_____

which has a reproductive risk of 1 in _____.

myriad WOMEN'S HEALTH

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: 04/24/2019

MALE
JS 742
[redacted]
Ethnicity: Hispanic
Sample Type: EDTA Blood
Date of Collection: 04/16/2019
Date Received: 04/19/2019
Date Tested: 04/24/2019
Barcode: 11004212667782
Indication: Egg or sperm donor

FEMALE
N/A

Foresight® Carrier Screen

POSITIVE: CARRIER

ABOUT THIS TEST

The **Myriad 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	JS 742	Partner
Panel Information	Foresight Carrier Screen Universal Panel ACOG/ACMG/DMD Panel Fundamental Panel **(175 conditions tested)**	N/A
POSITIVE: CARRIER Nephrotic Syndrome, NPHS2-related **Reproductive Risk: 1 in 110,000** **Inheritance: Autosomal Recessive**	**CARRIER*** NM_014625.2(NPHS2):c.686G>A (R229Q) 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".

*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 6.

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.