

DONORREADY™

Carrier Screen

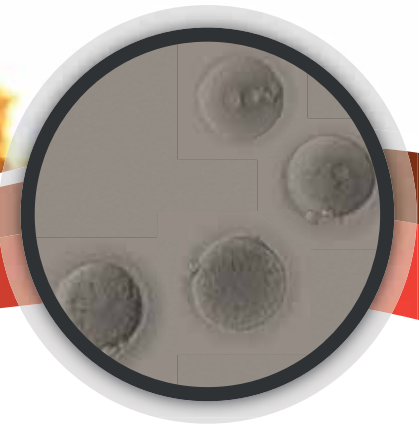
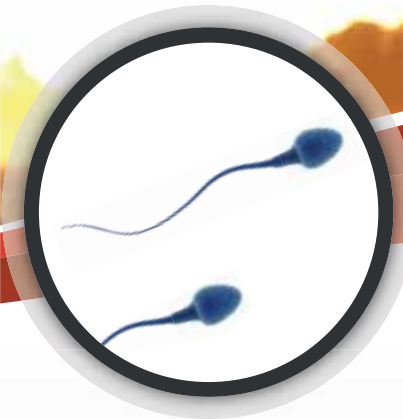
Advanced & Specialized Genetic Screen
for Sperm Donors & Egg Donors

Custom Designed Carrier Screening
Panel for all Ethnicities

Package option available with
Carrier Screen + MolecularKaryotype™



Easy & Reliable!
Blood or Saliva!
Rapid Turn Around
Time!



Superior Quality & Customer Service

- ✓ Customized reporting to meet your clinical needs
- ✓ Complimentary Board Certified Genetic Counseling available
- ✓ Collection kits come complete with everything needed for testing and worldwide shipping
- ✓ Seamless Data Integration for efficient reporting

Comprehensive Screening, Cutting Edge Technology, Accurate Results

- ✓ Carrier Screen performed using the latest comprehensive Next Generation Sequencing (NGS)
- ✓ MolecularKaryotype™ performed using NGS
- ✓ Includes Fragile X analysis for Female Donors (CGG & Reflex AGG repeat analysis)
- ✓ Includes Spinal Muscular Atrophy (SMA) analysis



American Society of Reproductive
Medicine (ASRM) recommends
carrier screening for donors.

Better Health for Generations to Come!



All donors should be tested for cystic fibrosis
DonorReady™ Carrier Screen is the most
comprehensive test for cystic fibrosis as it
includes complete sequencing &
Deletion/Duplication Analysis.

DONORREADY™ CARRIER SCREEN

GENETIC DISORDER	GENE
Abetalipoproteinemia	MTTP
Alpha-Thalassemia*	HBA1, HBA2
Alport Syndrome	COL4A3, COL4A4
Arthrogryposis, Intellectual Disability & Seizures	SLC35A3
Bardet-Biedl Syndrome	BBS1, BBS2, BBS10
Beta-Thalassemia*/Sickle Cell Disease*	HBB
Bloom Syndrome*	BLM
Canavan Disease*	ASPA
Carnitine Palmitoyltransferase II Deficiency	CPT2
Carnitine Transporter Deficiency	SLC22A5
Congenital Amegakaryocytic Thrombocytopenia	MPL
Congenital Disorder of Glycosylation Type 1a	PMM2
Cystic Fibrosis*	CFTR
Dyskeratosis Congenita	RTEL1
Ehlers-Danlos Type VIIC	ADAMTS2
Familial Dysautonomia*	IKBKAP
Familial Hyperinsulinism	ABCC8
Fanconi Anemia Type C*	FANCC
Fragile X Syndrome*	FMR1
Galactosemia	GALT
Gaucher Disease*	GBA
Glycogen Storage Disease Type Ia	G6PC
Joubert Syndrome 2	TMEM216
Maple Syrup Urine Disease Type 1B	BCKDHB
Maple Syrup Urine Disease Type 3	DLD
Mucopolipidosis Type IV*	MCOLN1
Multiple Sulfatase Deficiency	SUMF1
Nemaline Myopathy	NEB
Niemann-Pick Disease Type A* & B	SMPD1
Phosphoglycerate Dehydrogenase Deficiency	PHGDH
Polycystic Kidney Disease	PKHD1
Retinitis Pigmentosa	DHDDS
Smith-Lemli-Opitz Syndrome	DHCR7
Spinal Muscular Atrophy*	SMN1
Tay-Sachs Disease*	HEXA
Tyrosinemia Type 1	FAH
Usher Syndrome Type IF	PCDH15
Usher Syndrome Type III	CLRN1
Walker-Warburg Syndrome	FKTN
Wilson Disease	ATP7B
Zellweger Syndrome	PEX1, PEX2, PEX6

* ACOG and/or ACMG recommended carrier screening for specific genetic conditions



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DONORREADY™
Carrier Screen:
CUSTOM GENETIC
DISORDER PANEL

Molecular Karyotype™ (optional)

CHROMOSOMAL ABNORMALITIES

Aneuploidies

Aneusomies

ADDITIONAL DETECTION AVAILABLE

Balanced translocations

Unbalanced translocations

Inversions

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