evolve®
LEADERS IN GENETIC FERTILITY SCREENING™

DonorReady™ Carrier Screen

Advanced & Specialized Genetic Screen for Sperm Donors & Egg Donors

Custom Designed Carrier Screening Panel

+

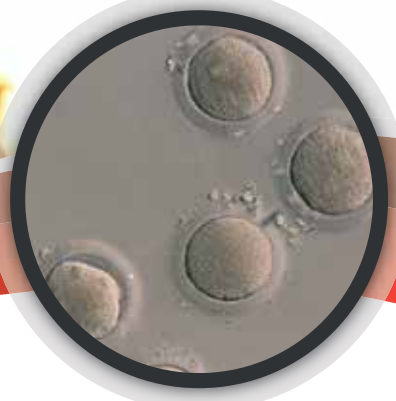
MolecularKaryotype™ (optional)

Comprehensive Panel for all Ethnicities

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.

Recommendations for gamete and embryo donation: a committee opinion. Practice Committee of the American Society for Reproductive Medicine and the Practice Committee of the Society for Assisted Reproductive Technology. Fertil Steril. 2013 Jan;99(1):47-62.

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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/Meckel Syndrome	TMEM216
Maple Syrup Urine Disease Type 1B	BCKDHB
Maple Syrup Urine Disease Type 3	DLD
Mucolipidosis 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/Retinitis Pigmentosa	CLRN1
Walker-Warburg Syndrome	FKTN
Wilson Disease	ATP7B
Zellweger Syndrome	PEX1, PEX2, PEX6

* ACOG and/or ACMG Recommended Disorders

DonorReady™ Carrier Screen:
CUSTOM GENETIC DISORDER PANEL

evolve®
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MolecularKaryotype™ (optional)

CHROMOSOMAL ABNORMALITIES
Aneuploidies
Aneusomies

ADDITIONAL DETECTION AVAILABLE
Balanced translocations
Unbalanced translocations
Inversions

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