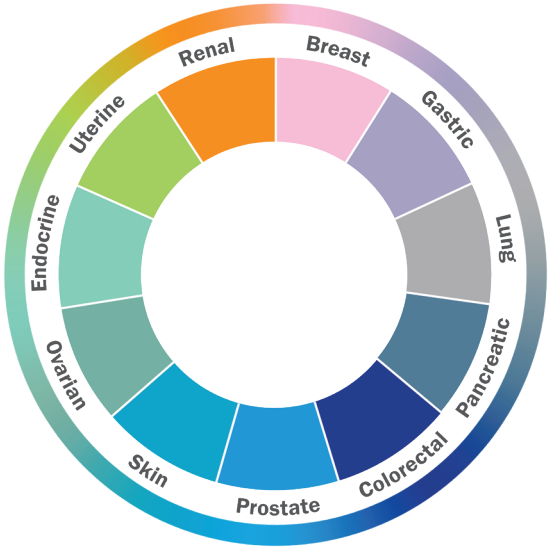
MyRisk™

Hereditary Cancer Test



MyRisk Gene Selection Criteria

- Associated with at least one cancer of focus
- Increased risk for cancer demonstrated in peer-reviewed literature or from societal guidelines
- Positive result leads to consideration of change to medical management based on societal guidelines or can be reasonably inferred based on cancer risk level

Red flags

Personal history of:

- Breast cancer at any age
- Ovarian cancer at any age
- Metastatic or high-risk prostate cancer at any age
- Pancreatic cancer at any age
- Colon or rectal cancer at any age
- Uterine/endometrial cancer at age 64 or younger

Family history of:

- Breast cancer at age 49 or younger
- Two breast cancers in one relative at any age
- Three or more breast cancers in relatives on the same side of the family at any age
- Ovarian, metastatic or high-risk prostate, pancreatic, or male breast cancer at any age
- Colon, rectal, uterine cancer at 49 or younger (1st degree relative)
- A gene mutation found in a family member
- Ashkenazi Jewish ancestry with breast cancer at any age

Myriad genetics

Health. Illuminated.

MyRisk™
Hereditary Cancer Test

Hereditary Cancer 48 Gene Panel

Genes	Breast	Ovarian	Colorectal	Uterine	Skin	Pancreatic	Gastric	Prostate	Renal	Lung	Endocrine	Other
BRCA1	●	●				●		●				
BRCA2	●	●			●	●		●				
MLH1, MSH2, MSH6, PMS2, EPCAM		●	●	●	●	●	●	●				●
APC			●			●	●				●	●
MUTYH			●									●
CDK4, CDKN2A (p16INK4a), (p14ARF)					●	●						
TP53	●		●	●	●	●	●	●	●			●
PTEN	●		●	●	●				●		●	●
STK11	●	●	●	●		●	●			●		●
CDH1	●						●					
BMPR1A, SMAD4			●				●					●
PALB2	●	●				●						
CHEK2	●		●									
ATM	●					●		●				
BARD1	●											
BRIP1		●										
RAD51C, RAD51D	●	●										
POLD1, POLE, GREM1, AXIN2			●									
HOXB13								●				
NTHL1	●		●									
MSH3			●									
FH, FLCN					●				●			●
MET									●			
TSC1, TSC2									●			●
SDHA, SDHB, SDHC, SDHD,VHL									●		●	●
BAP1					●				●			●
MITF, TERT					●							
CTNNA1							●					
EGFR										●		
MEN1, RET											●	●