EmpowerTM Hereditary cancer test

81 genes across 5 screening panels

Panel	Gene	Breast	Ovarian	Endometrial	Colorectal	Melanoma	Pancreatic	Gastric	Prostate	Renal	Other
BRCA1 & BRCA2 Lynch syn- drome	BRCA1	•	•				•		•		
	BRCA2	•	•			•	•		•		
	MLH1	•	•	•	•		•	•			٠
	MSH2		٠	٠	٠		•	•	•		•
	MSH6		•	•	•		•	•			•
	PMS2		٠	•	٠						•
	EPCAM		•	•	•			•	•		•
	ATM	•	•				•				
	BRIP1	•	•								
	CDH1	•			٠			•			
	CHEK2	•			٠						
Gyn	NBN		•								
guidelines-	NF1	•									•
based	PALB2	•	•				•				
panel (19 genes)	PTEN	•		•	•	•				•	•
	RAD51C	•	•								
	RAD51D	•	•								
	STK11	•	•	•	•		•	•			٠
	TP53	•		-	•	•	•	•			•
	APC	•			•		•	•			•
	AXIN2				•						
	BAP1				•	•				•	•
	BARD1	•								•	•
	BMPR1A	•			•		•	•			•
	CDK4				•	•		-			
		NIK (a)				•	•				
	CDKN2A (p16l	NK4a)				•					
Multi-	GALNT12*				•						
cancer	GREM1				•						
panel	HOXB13								•		
(40 genes)	MEN1						•	•		-	•
	MITF (E318K)					•				•	
	MSH3 biallelic				•						
	MUTYH biallelie				•						•
	NTHL1 biallelic				•						
	POLD1				٠						
	POLE				•						
	RNF43*				•						
	RPS20*				•						
	SMAD4				•		•	•			٠
	VHL						•			•	•
Compre- hensive panel (81 genes)	AIP				•						•
	ALK										•
	CDC73			•						•	•
	CDKN1B										٠
	CDKN1C									•	۲
	CEBPA										٠
	CYLD										٠
	DDX41										•
	DICER1		•								•
	EGFR (T790M)										•
	EXT1										•
	EXT2										•
	FH									•	٠



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Panel	Gene	Breast	Ovarian	Endometrial	Colorectal	Melanoma	Pancreatic	Gastric	Prostate	Renal	Other
	FLCN				•	•				•	
	GATA2										٠
	KIT										•
	LZTR1 monoa										•
	LZTR1 biallelic										•
	MAX										٠
	MET									•	
	NF2										٠
	PDGFRA										•
	PHOX2B										٠
	POT1 PRKAR1A					•					•
											•
Compre-	PTCH1										•
hensive	RB1 RET										•
panel (81 genes)	RHBDF2										•
	RUNX1										•
	SDHA									•	•
	SDHAF2										•
	SDHAI 2 SDHB										•
	SDHB										•
	SDHD									•	•
	SMARCA4		•							•	•
	SMARCB1		•								•
	SMARCE1										•
	SUFU										•
	TERC										•
	TERT monoalle	elic									•
	TERT biallelic										•
	TMEM127									•	•
	TSC1										•
	TSC2									•	•
	WT1									•	•

*This gene is not included in the Empower[™] Comprehensive Panel.

13011 McCallen Pass, Building A Suite 100 | Austin, TX 78753 | natera.com

EmpowerTM has been developed and its performance characteristics determined by the CLIA-certified laboratory performing the test. The test has not been cleared or approved by the US Food and Drug Administration (FDA). CAP accredited, ISO 13485 certified, and CLIA certified. © 2022 Natera, Inc. All Rights Reserved.

