

BRCA Panels (Comparison Chart)

The BRCA Panel analyzes BRCA1 and BRCA2 genes to detect either germline or somatic mutations linked to increased risk of breast, ovarian, and prostate cancer, helping guide prevention and treatment strategies.

TESTS	GENES TESTED	TYPE OF MUTATION	SAMPLE NEEDED	TURNAROUND TIME	WHO SHOULD TEST?	DOCTOR'S ORDER NEEDED?	WHAT IT SCREENS FOR	MAIN BENEFITS
BRCA 1/2 Panel (2 Genes)	BRCA1 and BRCA2	Inherited (germline)	Blood	4-5 weeks	Family or personal history of breast or ovarian cancer- known family BRCA mutation	Yes	Inherited BRCA1/2 mutations linked to breast, ovarian, and prostate cancer	Finds inherited cancer risk early Helps with prevention and family planning
BRCA Plus Panel (6 Genes)	BRCA1, BRCA2, CHEK2, PALB2, RAD51C, TP53	Inherited (germline) and acquired (somatic)	Blood / FFPE Tissue	10 days	Need info on inherited and tumor mutations- Considering targeted treatment or clinical trials	Yes	Inherited and somatic mutations in 6 cancer-related genes linked to breast, ovarian, and prostate cancer	Broader gene coverage Helps guide treatment and prevention