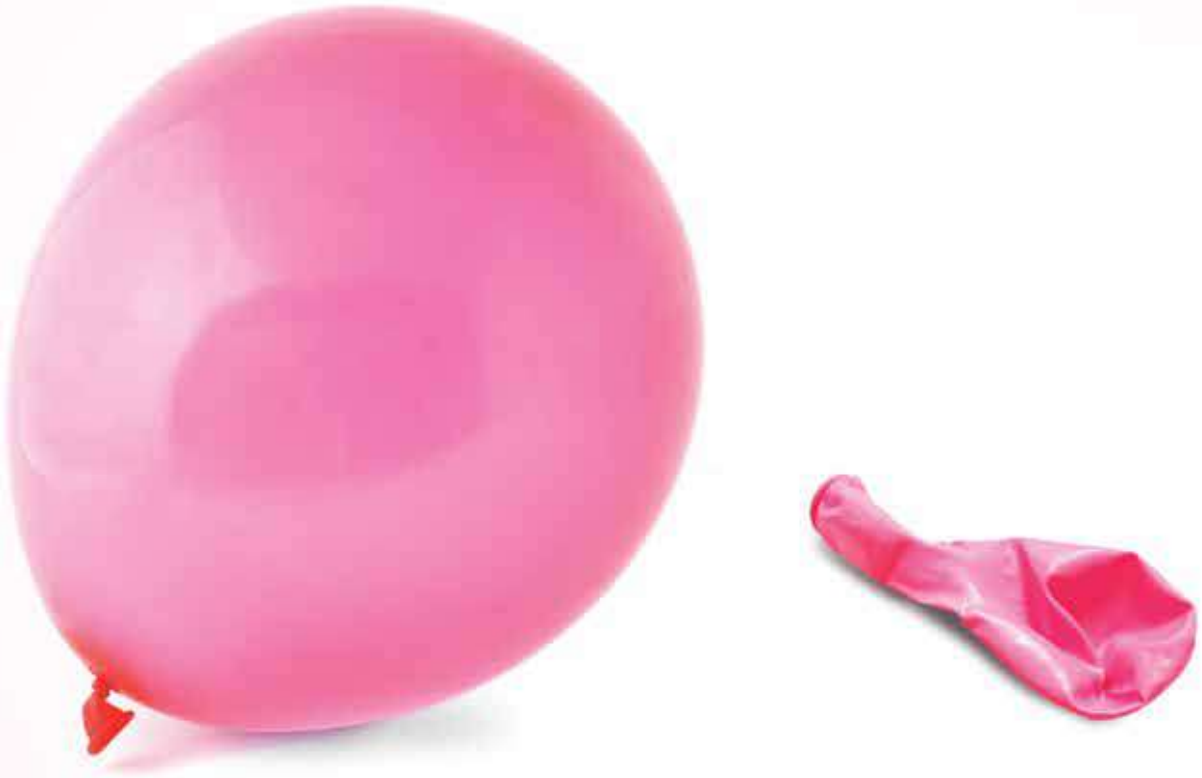
LifeCell® Diagnostics is now

mfine /diagnostics

Screen Now For A Healthier Tomorrow



1 in 29
Indian Women
Develop
Breast Cancer

Breast Cancer
Accounts For
14%
Of All Cancers
In Indian Women

Name of Salesperson: ..... Contact: .....

support@mfine.co www.mfine.co

What **MFine** Has To Offer For Your Patients

BRCA1 & BRCA2 Panel

What Does This Panel Test?

The BRCA1 & BRCA2 Panel tests for pathogenic single nucleotide variants. It also includes MLPA (Multiplex Ligation-Dependent Probe Amplification) analysis for large deletion/duplications.

What Does This Panel Cannot Tell?

This panel is not appropriate for the detection of somatic mutations in tumour tissue.

Who Should Consider This Panel?

At-risk relatives for proactive testing & management.

Individuals with a family history of breast/ovarian cancer with a previously identified pathogenic variant in the BRCA1 or BRCA2 genes.

BreastScreen Panel

BreastScreen Panel includes all genes associated with breast cancer & ovarian cancer based on the National Comprehensive Cancer Network® (NCCN) guidelines

Highly Penetrant Genes: BRCA1, BRCA2, RAD51C, NBN, TP53, STK11, PTEN, NF1

Moderately Penetrant Genes: CHEK2, PALB2, BRIP1, ATM, RAD50

Low Penetrant Genes: FGFR2, CYP1A1, XRCC3, XRCC1, MAP3K1, TOX3, TGFB1, LSP1, BARD1

Who Should Consider This Panel?

1. Individuals with breast cancer
2. Those with clinical or family history of a hereditary cancer syndrome like:
    - Breast, ovarian, uterine, pancreatic, melanoma, sarcoma, and/or prostate cancer, particularly if early-onset (<50 years)
    - "Triple-negative" breast cancer (<60 years)
    - Male breast cancer
    - Any known variant in a cancer susceptibility gene identified on tumour testing

Genetic Testing for Hereditary Breast & Ovarian Cancer Can Provide Useful Insights to the Clinicians.

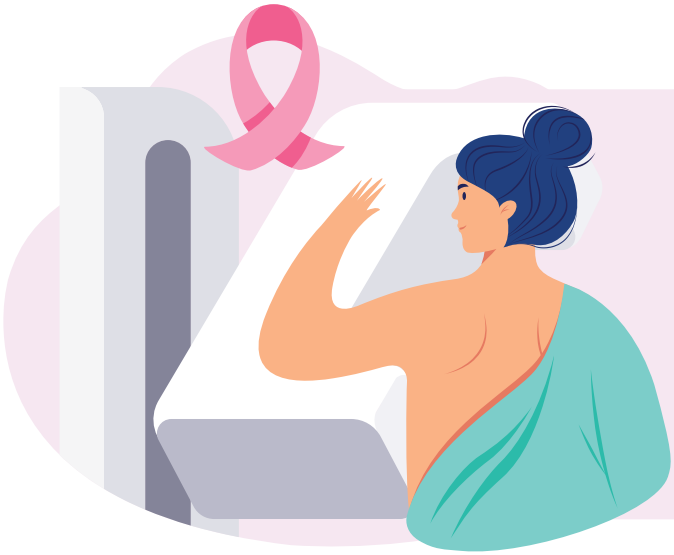
The American Society of Breast Surgeons recommends genetic testing to be made available to all breast cancer patients

BRCA1 & BRCA2 : What Genetic Testing Can Unravel

Familial breast cancer comprises **20-30%** of all breast cancers

BRCA1 & BRCA2 are two major genes associated with hereditary breast & ovarian cancer syndrome

7% of breast cancer & **15%** of ovarian cancer cases are caused by pathogenic mutations in the BRCA1 & BRCA2 genes



Introducing

BreastScreen Test

A Comprehensively Designed Genetic Screening Panel

It tests for all relevant gene variants most commonly associated with hereditary breast-ovarian cancer (HBOC)

What Makes **MFine's** BreastScreen Panel The Right Choice?

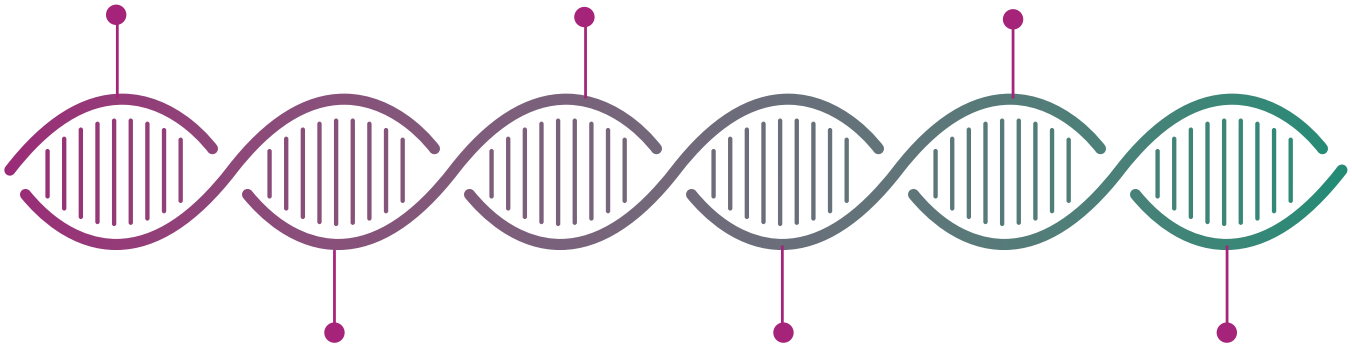
- Analyses high & moderate risk genes associated with HBOC
- Improves the chances of preventing & promptly treating at-risk individuals
- Give your patients a sense of certainty & relief regarding future risk of cancer
- Helps make informed decisions & allow clinicians & patients to explore novel treatment options

What Makes **MFine**
A Leader In Genetic Testing

Next-generation sequencing (NGS) of all genes in the panel with extensive coverage: ≥ 99.5% of target bases covered at >20x

Quick turnaround time of 15 business days

Uses world's largest genome-wide database, Genomenon for reporting variants



NGS-based CNV (copy number variant) analysis of all genes

Requires only a few drops of blood (≥ 1ml EDTA blood or 1 DBS card)

Interpretation of reports by clinical geneticists

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