

# Breast Cancer Classification Report

Generated on: 17/5/2025, 11:20:39 pm

## User Input Data:

Parameter	Value
radius_mean	0.012
texture_mean	0.12
perimeter_mean	0.13
area_mean	1.2
smoothness_mean	0.0001
compactness_mean	0.00013
concavity_mean	0.00014
concave points_mean	0.000013
symmetry_mean	0.0011
fractal_dimension_mean	0.00018

Prediction Result: The Breast Cancer is Benign

## Trusted Advices For You:

Your biopsy indicates a benign breast lesion. While this is reassuring, ongoing vigilance will help maintain breast health.

Advice for Benign Breast Lesion ----

### Monitoring & Imaging :

- Keep up with scheduled follow-up imaging (mammogram or ultrasound).
- Report any new lumps, pain, or changes immediately.

### Lifestyle & Prevention :

- Maintain a healthy weight and exercise regularly.
- Limit alcohol and avoid smoking.
- Eat a diet high in fiber, fruits, vegetables, and omega-3s.

### Self-Exam & Awareness :

- Perform breast self-exams monthly, ideally a few days after your period.
- Familiarize yourself with how your breasts normally look and feel.
- Report any nipple discharge, skin changes, or persistent discomfort.

### Risk Reduction :

- Discuss family history of breast cancer with your doctor.
- Consider genetic counseling/testing if you have high-risk factors.

Note: Continue routine care with your healthcare provider to ensure ongoing breast health.