

# Breast Cancer Classification Report

Generated on: 8/6/2025, 4:35:09 pm

## User Input Data:

Parameter	Value
radius_mean	28
texture_mean	39
perimeter_mean	55
area_mean	555
smoothness_mean	0.16003
compactness_mean	0.30008
concavity_mean	0.4
concave points_mean	0.2
symmetry_mean	0.3
fractal_dimension_mean	0.04996

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.