

Breast Cancer Diagnostic Report

Date: April 20, 2025

Patient Name: _____

Patient ID: _____

This report presents the results of a machine learning-based diagnostic evaluation. The input data provided was analyzed using a trained classifier to assist in determining the likelihood of a tumor being malignant or benign. This tool is intended to support, not replace, clinical judgement.

Prediction Summary

Prediction Result: Low Risk - Benign

Benign Probability: 100.00%

Malignant Probability: 0.00%

Medical Recommendation

The model predicts that the tumor is likely benign. However, it is still recommended to follow up with a healthcare provider for further assessment and routine check-ups to rule out any anomalies.

Input Feature Summary

Feature	Value
Radius mean	14.0
Texture mean	30.09
Perimeter mean	150.44
Area mean	1588.08
Smoothness mean	0.1
Compactness mean	0.2
Concavity mean	0.3
Concave points mean	0.2
Symmetry mean	0.2
Fractal dimension mean	0.05
Radius se	1.0
Texture se	1.0

Perimeter se	0
Area se	0
Smoothness se	0
Compactness se	0
Concavity se	0
Concave points se	0
Symmetry se	0
Fractal dimension se	0
Radius worst	0
Texture worst	0
Perimeter worst	0
Area worst	0
Smoothness worst	0
Compactness worst	0
Concavity worst	0
Concave points worst	0
Symmetry worst	0
Fractal dimension worst	0

Disclaimer: This report is generated by an AI system and is not a substitute for professional medical advice, diagnosis, or treatment. Always seek the advice of a qualified healthcare provider.