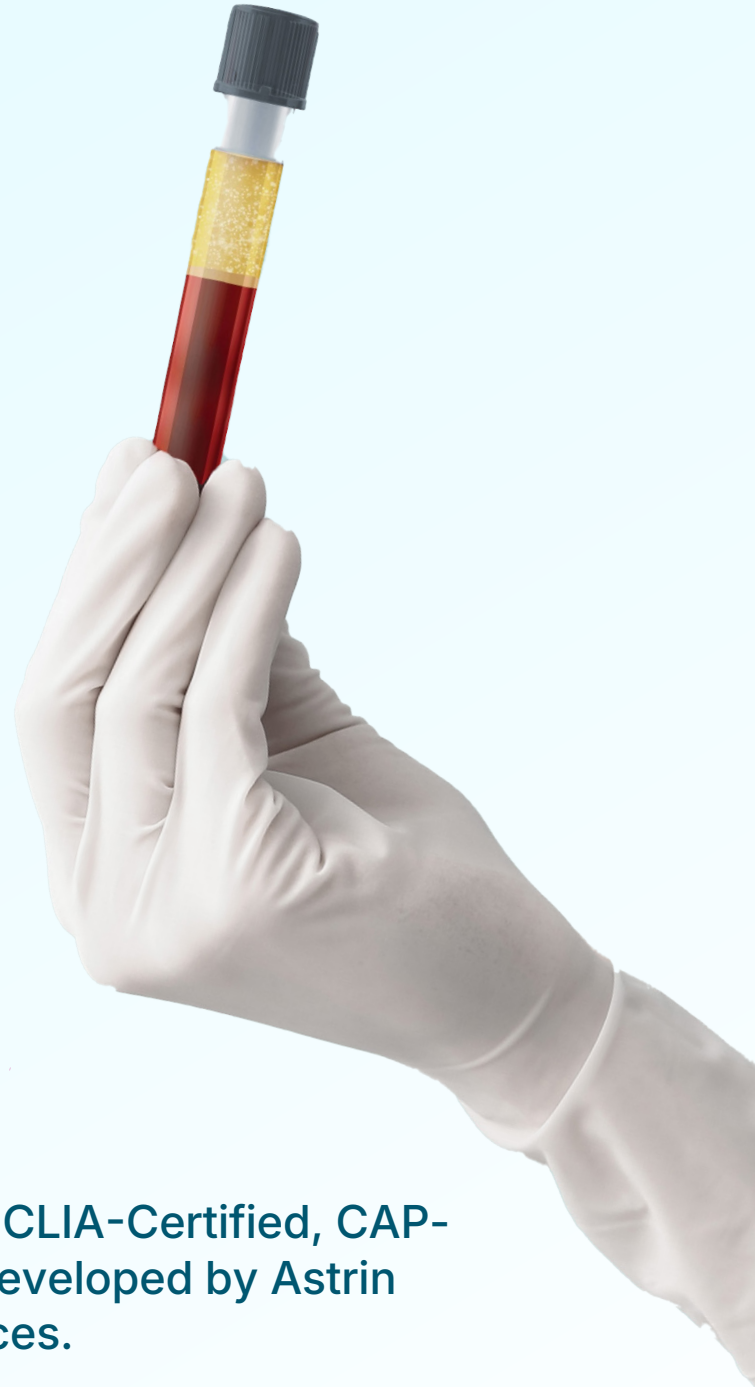




Improve Patient Confidence with a Simple Blood Test

High sensitivity.
Less anxiety for you and your patients.

>99% NPV.
Supplemental test for women with dense breasts after a mammogram.



Certitude is an Innovative, CLIA-Certified, CAP-Accredited Blood Test Developed by Astrin Biosciences.

It uses advanced proteomic analysis and machine learning to detect patterns of proteins associated with breast cancer.



Elevate Early Detection

Identify molecular signatures of breast cancer even when imaging is equivocal or inconclusive



Strengthen Clinical Decision-Making

Integrate objective proteomic data with imaging findings and patient risk profiles to guide patients in their screening journey



Maximize Patient Compliance

A familiar, non-invasive blood draw minimizes anxiety and can be conveniently incorporated into any routine office visit



Enable Shared Decision-Making

Provide women with dense breasts or elevated risk a clear path toward more informed and proactive screening next steps

Certitude Performance

92% Sensitivity

Sensitive and Specific Early-Stage Breast Cancer Detection using Deep Proteome Profiling from Plasma

Study Design:
1200+ biobanked samples consisting of treatment naive cancer patients and demographically matched healthy women

Drake (SABCS 2026)

90% Sensitivity in Dense Breast

A Plasma-based Deep Proteomic Platform for Early-Stage Breast Cancer Detection

Study Design:
300+ case controlled samples consisting of newly diagnosed breast cancer patients and healthy controls

Horrnann (Endocrinology 2026)

91% Sensitivity in High Risk Dense Breast

Deep Plasma Proteomics for Early-Stage Breast Cancer Detection

Study Design:
Interim analysis our prospectively collected study with patients recruited at time of biopsy

Advani (AACR 2026)

>99%

Negative Predictive Value (NPV)

Based on Population Level Breast Cancer Prevalance

>93% NPV

Based on Study Results for Benign Breast Conditions vs Cancer

Certitude's clinical utility is in potentially reducing the number of patients who need a breast MRI while maintaining the high sensitivity for these patients.

| | Mammography | MRI | Certitude Blood Test |
|---------------------------|------------------------------------|--|---|
| Detection | Limited visibility in dense tissue | High sensitivity, frequent false positives | High sensitivity with 99% NPV |
| Patient Experience | Compression, radiation exposure | Time-intensive, expensive, limited access | Simple, standard blood draw |
| Accessibility | Accessible | Specialist centers only | Broadly accessible via standard labs or mobile phlebotomy |
| Use Case | Primary screening | Follow-up/High-risk imaging | Supplemental test for women with dense breasts |

To learn more, visit our website
www.certitudebloodtest.com/hcp

