

## About MetaHealthZone™ Technology

MetaHealthZone™ technology uses the leading science of metabolomics to profile early signs of several diseases. Our screening test compares a urine metabolite profile with clinically validated disease profiles. Our published research has shown that we have the ability to profile many illnesses, including breast cancer and ovarian cancer.

## What is a Metabolite Profile?

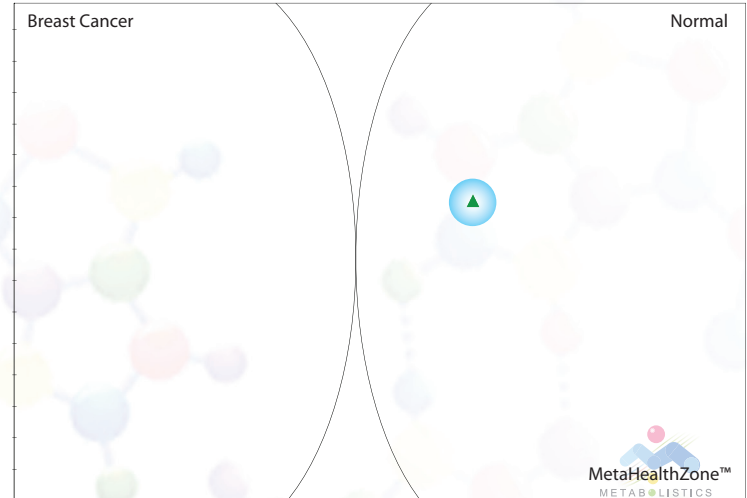
Urine contains the waste products of cellular metabolism. More than 100 of these waste products, known as small-molecule metabolites, make up a metabolite profile. Our Computer Aided Diagnosis (“CADx”) techniques can match unique patterns of metabolites to specific diseases and provide you with valuable insight to your patient’s underlying health.

## What is the Metabolistics MetaHealthZone™ Report?

The Metabolistics MetaHealthZone™ report is a specialized personal health report. It is an easy way to gather information to better assess your patient’s current health and watch for signs of breast cancer and ovarian cancer through their urine metabolite profile. You and your patient can use the MetaHealthZone™ report to make informed health decisions.

### Report Features:

- A graphical illustration of disease classification.
- The classification boundaries are clearly marked using elliptical lines.
- The cancer classification is illustrated on the left and the healthy classification on the right.
- The patient result is interpreted by the position of the green triangle within the cancer and healthy classifications.



Sample MetaHealthZone™ Breast Cancer Urine Profile

*MetaHealthZone™ performance has been proven 98% sensitive and 99% specific for ovarian cancer and 100% sensitive and 93% specific for breast cancer.*

## Who is this test right for?

There is no accepted screening test for ovarian cancer, and mammography is the standard screening test for breast cancer. As breast tissue density increases, the sensitivity of mammography decreases; thus, mammography is less sensitive for young women. Young women, women of any age who are concerned about breast and ovarian cancer, or women who have family histories of these cancers are ideal participants for the MetaHealthZone™ test. Early detection significantly increases survival rates.

## How is the test ordered?

1. You request the MetaHealthZone™ for your patient.
2. A specimen collection kit is delivered to your office.
3. Your patient provides a urine specimen.
4. You freeze the specimen and store it at your office.
5. You ship the frozen specimen to our laboratory.
6. We analyze the urine specimen.
7. The MetaHealthZone™ report is delivered to you for discussion with your patient.

## Get Started Today

The Metabolistics MetaHealthZone™ urine metabolite profiling is fast, easy to administer, low cost, noninvasive, and can be used to prescreen before other forms of invasive or uncomfortable screening. Urinary metabolite profiling has the capacity to revolutionize cancer detection and, potentially, cancer treatment if the disease can be identified early and treated.

## Published Scientific Papers

1. Slupsky, C. M.; et al. Urine metabolite analysis offers potential early diagnosis of ovarian and breast cancers. *Clin. Can. Res.* **2010**, 22
2. Slupsky, C. M.; et al. Pneumococcal pneumonia: potential for diagnosis through a urinary metabolic profile. *J. Proteome Res.* **2009**, 8, 5550-5558.

*Clinical validation of MetaHealthZone™ was achieved through the analysis of over 5000 specimens.*

(Please visit our website for additional references.)

Request a MetaHealthZone™ test today from one of our representatives or distribution partners, or order one online from our store at [www.metabolistics.com](http://www.metabolistics.com).