



# BreastSentry™

## Discussion Guide for Patients and Physicians

### Your Patient Has Inquired About the BreastSentry Test

- BreastSentry measures the levels of two bio-markers, proneurotensin (pro-NT) and proenkephalin (pro-ENK), which are highly predictive of a woman's risk for developing breast cancer.
- Elevated levels of pro-NT and decreased levels of pro-ENK are strong, independent risk factors for the development of breast cancer.

### Why Should I Use This Test In My Practice?

- An estimated 20% of breast cancers are missed at least once by mammography, especially if the patient has dense breasts or has mucinous, lobular or rapidly growing cancers.
- BreastSentry can help you to determine if a female patient should be referred for advanced breast diagnostic procedures.
- BreastSentry provides women with additional information about breast health beyond mammography.
- Empowers women to identify breast cancers early, when they are most treatable.

### The Science Behind the Test:

- Two large Swedish general population longitudinal studies were used to validate the BreastSentry test.
  - The Malmo Diet and Cancer study (MDC) and the Malmo Preventive Project (MPP) found a significant predictive relationship between individual pro-NT (neurotensin) and pro-ENK (enkephalin) biomarkers and the development of breast cancer (Participants 28,098)
  - Results from the MDC study in 2012 showed a highly significant relationship between the concentration of pro-NT in the blood and the risk of developing breast cancer; the MPP study confirmed these results.

### BreastSentry Patient Profile:

- The test is for any woman who needs further evaluation of breast cancer risk.
- The test should not be used on women with:
  - a personal history of breast cancer
  - a confirmed or suspected genetic mutation known to increase risk of breast cancer (e.g., BRCA)
  - a history of previous radiotherapy to the chest at a young age
  - a history of kidney disease

### Patient Instructions

- Talk to your doctor. Print this guide and bring it to your next appointment. Or Fax, Email, Mail this to your physician's office.

### Physician Instructions

1. Fill out a new account form and submit it to client relations [clientrelations@myinnovativelab.com](mailto:clientrelations@myinnovativelab.com) or Fax 1.804.515.7291
2. Upon completion of new account form, a starter kit(s) will be shipped based upon your testing needs.
3. Schedule training of your staff through an onboarding call with Innovative Diagnostic Laboratory.

