

Congratulations on receiving the HALO Breast Pap Test! You've just taken the first step toward better breast health. You've joined thousands of women who are now including risk assessment and prevention in the fight against breast cancer.

WHAT DO YOUR HALO RESULTS MEAN?	
Result	Interpretation
No Nipple Aspirate Fluid (NAF)	<b>Normal result.</b> No production of fluid means that you are at normal risk, not elevated risk, for developing breast cancer. Continue with annual HALO tests and other routine breast health exams that your doctor recommends as you may have other risk factors present.
NAF present <i>with no</i> atypical cells	<b>Normal result.</b> You produced nipple aspirate fluid (NAF) with no atypical cells. This means you are at slightly higher risk for developing breast cancer compared to someone who did not produce NAF. It is important to remember that this is still considered a normal result. Continue with annual HALO tests and other routine breast health exams your doctor recommends as you may have other risk factors present.
NAF <i>with</i> atypical cells	<b>Abnormal result.</b> You produced nipple aspirate fluid (NAF) with atypical cells. This means atypical cells were identified and you are at elevated risk for developing breast cancer. This does not mean you have breast cancer or that you will develop it in the near future! It means that you need to be vigilant and proactive in monitoring your breast health. Your doctor may recommend that you talk to a Breast Specialist who will assess your other breast cancer risk factors. To learn more about atypia, visit <a href="http://www.NeoMatrix.com">www.NeoMatrix.com</a> .

*Adapted from Wrensch MR, Petrakis NL, Miike R, et al. Breast cancer risk in women with abnormal cytology in nipple aspirates of breast fluid. J Natl Cancer Inst. 2001;93:1792-1798*

**Note: the HALO Breast Pap test does not take the place of routine mammograms and breast exams.**

### **What does it mean if no fluid sample is produced?**

Not producing a fluid sample is a NORMAL result. Approximately half of women without breast cancer symptoms will not produce NAF. Clinical data have shown that women who do not produce fluid are at the lowest risk (i.e. normal risk) for developing breast cancer compared to someone who produces NAF. Women who do not produce NAF one year may produce NAF the next year, therefore the HALO Breast Pap Test should be conducted annually.

### **What is a "normal result" from the HALO Breast Pap Test and what does it mean?**

No NAF produced, acellular NAF, and NAF with normal cells are all considered NORMAL results. Women who have normal results one year may have abnormal results the next year, so the HALO Breast Pap Test should be conducted annually. Like the Pap test for cervical cancer, HALO cannot definitively rule out the presence of cancer, so it is important to continue with routine mammograms and breast exams as recommended by your doctor.

### **What is an "abnormal result" from the HALO Breast Pap Test and what does it mean?**

You have "atypia", which basically means abnormal cells. Having atypia does not mean you have cancer and it doesn't mean you will definitely develop cancer. It does mean you need to monitor your breast health more closely in the future. Your doctor may recommend that you see a Breast Specialist to help monitor your condition, perhaps identify other potential risk factors and develop a plan to manage your breast health.

