

# Prostate Health Sensor



**Prostate cancer is one of the most common causes of death from cancer in men of all ages.** For example, the American Cancer Society's most recent estimates for prostate cancer in the United States for 2009 are 192.280 new cases of prostate cancer and 27.360 deaths from prostate cancer.

Although it is a complex disease and the causes of prostate cancer are not yet fully understood, **genetic variation** - besides **age** (after age 50 the chance of having prostate cancer increases rapidly), **family history**, **racial differences** (prostate cancer is more common in African American men) and **environmental factors** (high-fat and high-calorie diet, sedentary lifestyle) - clearly has an impact on this disease.

Studies of candidate genes have detected a number of associations but there have been recent studies that independently detected genetic signals on different chromosomes. Subsequent studies found that relatively common genetic variants (polymorphisms) were strongly associated with the disease. Until now, several different polymorphisms have been shown to be significantly associated with prostate cancer in multiple studies and in multiple ethnic groups.

The **Prostate Health Sensor** evaluates the genetic associated risk of prostate cancer. All Polymorphisms were carefully selected and validated by a highly dedicated team of natural scientists and physicians according to state-of-the-art scientific evidence. The laboratory analysis is performed by **GENOSENSE Diagnostics** according to 21st century quality standards.

**GENOSENSE Diagnostics** is the European pioneer and a leader in preventive genetic diagnostics and has committed itself to applying molecular medical knowledge to realizing the vision of individual, preventive and patient-tailored medicine. The company offers a unique line of preventive genetic diagnostic profiles. Each profile focuses on a carefully selected set of polymorphisms associated with particular diseases or physiologic imbalances.

If you wish to receive additional and more detailed information on the **Prostate Health Sensor**, please contact us!

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