SERUM TEST FOR LUNG AND PROSTATE CANCER

TECHNICAL FIELD
Cancer Diagnostic

APPLICATION
This test allows for improved diagnosis for both lung and prostate cancer.

DESCRIPTION

This diagnostic serum protein biomarker using an enzyme-linked immunosorbent assay allows for greatly improved accuracy in diagnosing both lung and prostate cancer when used in conjunction with existing tests. Current diagnostics alone have limited definitiveness, but addition of this novel serum-based test reduces both false positive and negative results.

Diagnosis of early stage lung cancer is difficult due to the invasiveness of biopsies and the prevalence of benign lung nodules in the US population. This serum-based test would permit screening and early diagnosis when used in combination with low-dose CT scans.

As a prostate cancer diagnostic, this novel diagnostic can differentiate between cancer and benign prostate diseases. When coupled with the PSA test, the sensitivity of prostate cancer screening and diagnosis is greatly improved. The serum test can be used to monitor borderline cases and disease progression of both lung and prostate cancer.

ADVANTAGES
- **Improves the rate of correct prostate and lung cancer diagnosis**
- **Early stage diagnosis of lung cancer**
- **Improves the sensitivity of prostate cancer diagnosis**

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STATUS
PCT has been filed

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