



Finding Lung Cancer Early

# SHOX2 and RASSF1A DNA Methylation Kit



## Feature and benefits

- ✓ **Short Stature Homobox2 (SHOX2)**, a member of the homeobox gene family, and its main function is the transcription regulation in the embryogenesis of vertebrates. The methylation of SHOX2 gene can satisfactorily distinguish between benign and malignant lesions in the lungs.
- ✓ **Ras-association Domain Family 1A (RASSF1A)**, relate to gene transcription, signal transduction, cytoskeleton, cell cycle, adhesion, apoptosis and many other aspects, it plays an important role in the genesis and development of tumors.



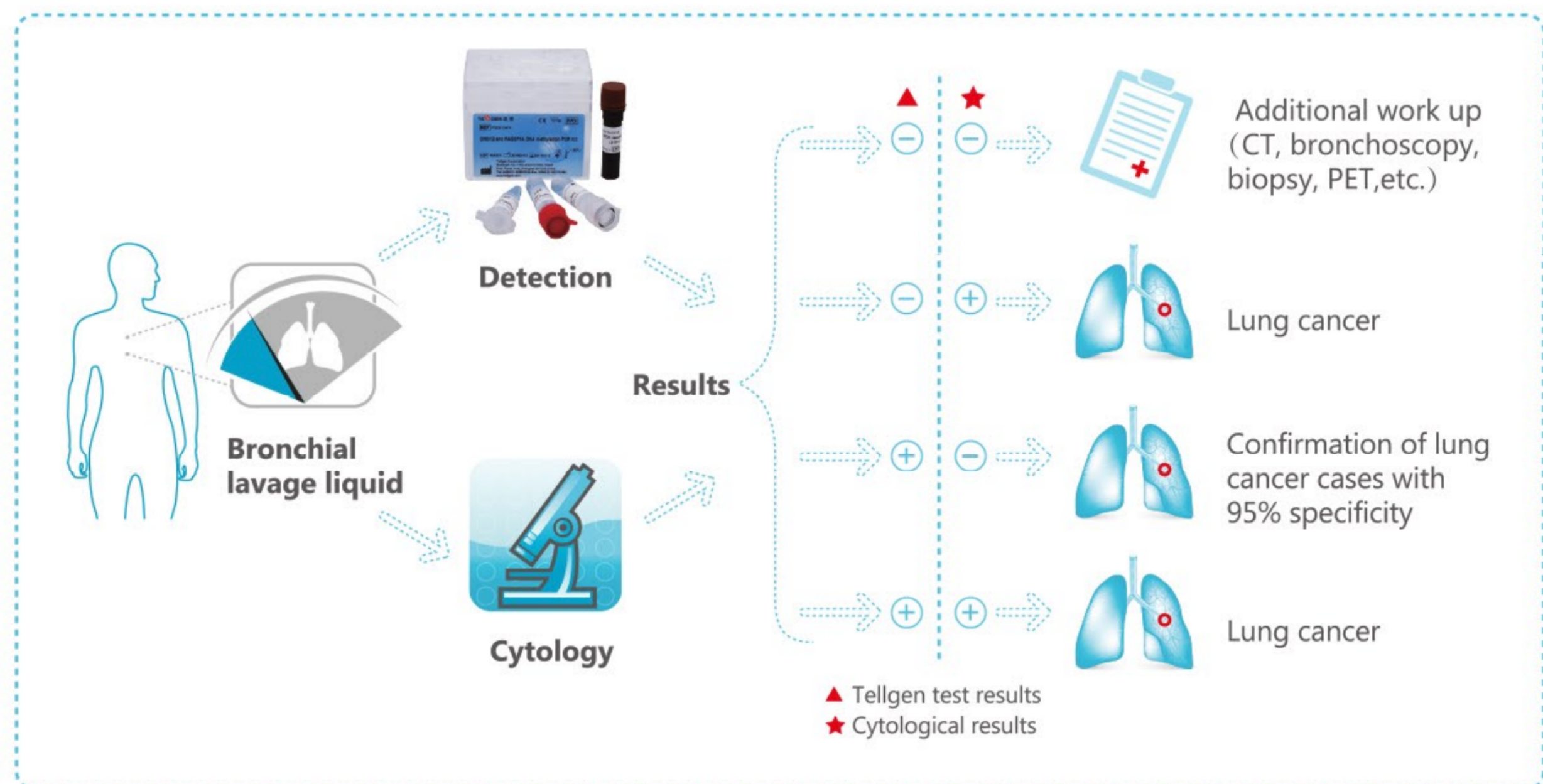
## SHOX2 and RAFF1A

—Aid in diagnosis for the patients with suspected lung cancer

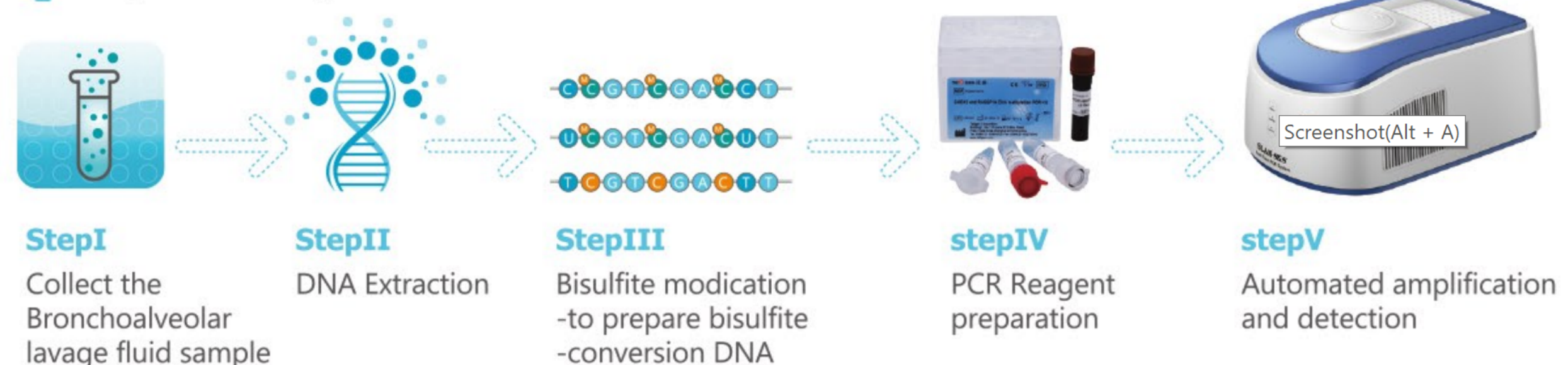
Lung cancer ranks the first in both morbidity and mortality, and, diagnosed in early phase can obviously increase five-year survival rate. In up to 50% of patients with suspected lung cancer it is not possible for clinicians and pathologists to confirm the diagnosis of malignant lung disease, even with both cytological and histological analysis of material taken at the time of first bronchoscopy. In these cases additional non-invasive diagnostic procedure are often required to confirm the presence of malignant disease.

### Application

Screenshot(Alt + A)



### Operation procedure



### Order information

Catalogue No.	Product	Kit Size	Store
PG09104F4	SHOX2 and RASSF1A DNA methylation PCR Kit	24tests/Kit	-20 °C