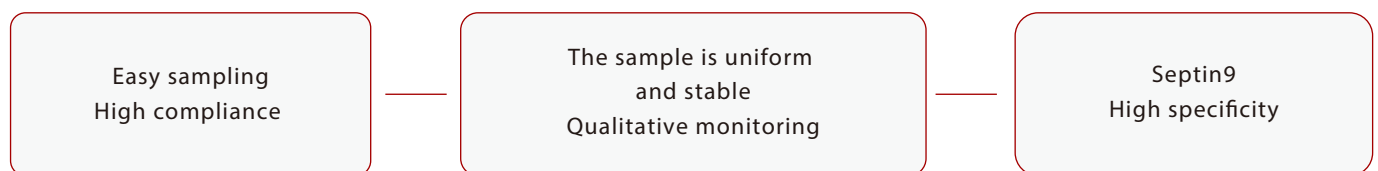


Septin9 colorectal cancer blood screening

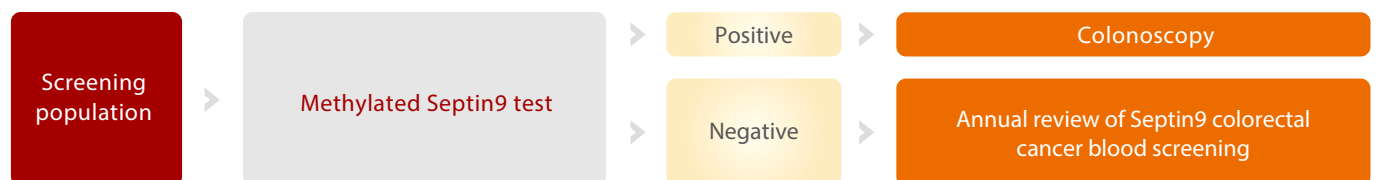
Blood tests: easy sampling, high patient compliance



Septin9: Colorectal cancer and other digestive tract tumor specific molecular marker



Septin9: One of the pre-test items recommended by the guide for colonoscopy



Improving accuracy (or reliability) for colonoscopy with high patient compliance
Applicable population and processing procedures

1.Cancer population screening: Aged 40 and above; or have a personal/family history of cancer; or have a history of intestinal polyps/adenomas; or have chronic lower gastrointestinal diseases such as IBD; or have poor living habits, irregular work and rest behaviour, and bad diet habits etc.



2. High-risk groups: have clinical symptoms such as abdominal masses, blood in the fecal, abdominal pain, thin fecal, etc.; or suspected of proliferative intestinal disease; or resistant direct enteroscopy; or have a family history of intestinal disease, etc.

Sampling process

Please follow the clinical procedures, collect 10ml whole blood with blood collection tube (recommended by user manual) and prepare plasma within two hours. Please extract DNA from the collected plasma as soon as possible. If the extracted DNA is not used immediately, store it at 2-8°C for 48 hours, ≤-20°C for 12 months, and the specimen will be effective within 5 repeated freeze-thaw cycles.

Detection process: 6 hours (Only 2 hours for manual process)



Human methylated Septin9 DNA detection kit

Clinical application	Colorectal cancer blood screening(pre-colonoscopy examination items)
Detection method	Methylation specific real time fluorescence PCR method
Applicable models	Real-Time PCR instrument (including FAM and CY5 channels)
Packing specification	20 tests/kit(liquid); 50 tests/kit(liquid);100 tests/kit(liquid);20 tests/kit (lyophilized); 50 tests/kit(lyophilized); 100 tests/kit(lyophilized)
Storage Conditions	Liquid form product can be stored at -20 °C or below for 9 months. Lyophilized product which stored in a dampproof manner can be stored between 2-30 °C for 12 months.
Kit composition	Liquid form product contains: PCR reaction buffer, DNA polymerase, Positive control, Negative control. Lyophilized product contains: PCR reaction dry powder, Solubilization buffer, Positive control, Negative control.

60-85%

SEPTIN9: Sensitivity of the Screening for Stage I-IV Colorectal Cancer 60-85%

