

FOB Gold: scalable solutions

The perfect FIT – no matter
your workload



The perfect FIT, no matter your workload

Analysing faeces samples for occult blood / haemoglobin (FOB) is an important diagnostic test since a positive result might indicate serious disease such as colorectal cancer (CRC), whereas a negative result may help to exclude such disease. Among the FOB rapid tests, the quantitative faecal immunochemical test (FIT) shows a performance superior to conventional qualitative tests and answers to clinical laboratories' needs for automation and traceability.

The particular strength of our offered FIT solutions is their flexibility, which allows providing 'the perfect FIT' for your FIT testing, whatever your throughput needs and lab set-up. With the universal FOB Gold tube and scalable analyser hardware, we can offer solutions tailored to your needs – whether you run centralised, high-volume screening programmes requiring total lab automation or process moderate sample numbers wanting to use your present clinical chemistry analyser.

> FIT in CRC screening programmes

● A perfect FIT for CRC screening

Labs running CRC screening programmes often need to connect their FIT hardware to total lab automation (TLA) systems because of the high number of samples they receive per day. The centralised lab testing approach best enables balancing the medical and economic aspects to achieve the overall efficacy expected from such programmes.

● FIT for high-throughput needs

Featuring the FOB Gold tubes, Sysmex offers TLA platforms dedicated to FIT, helping labs to focus on their main challenges of processing samples quickly, cost efficiently and without the loss of standardised analytical quality. Just get in touch with your Sysmex representative – we are delighted to offer consultancy in this area based on our experience.



Customised TLA solutions with walk-away operation

- High sample throughput
- Standardisation at a consistently high quality level
- Less hands-on time, more walk-away time in your lab
- Modular set-up with integrated backups
- Reduced total cost of ownership compared to using numerous stand-alone analysers – no hidden costs

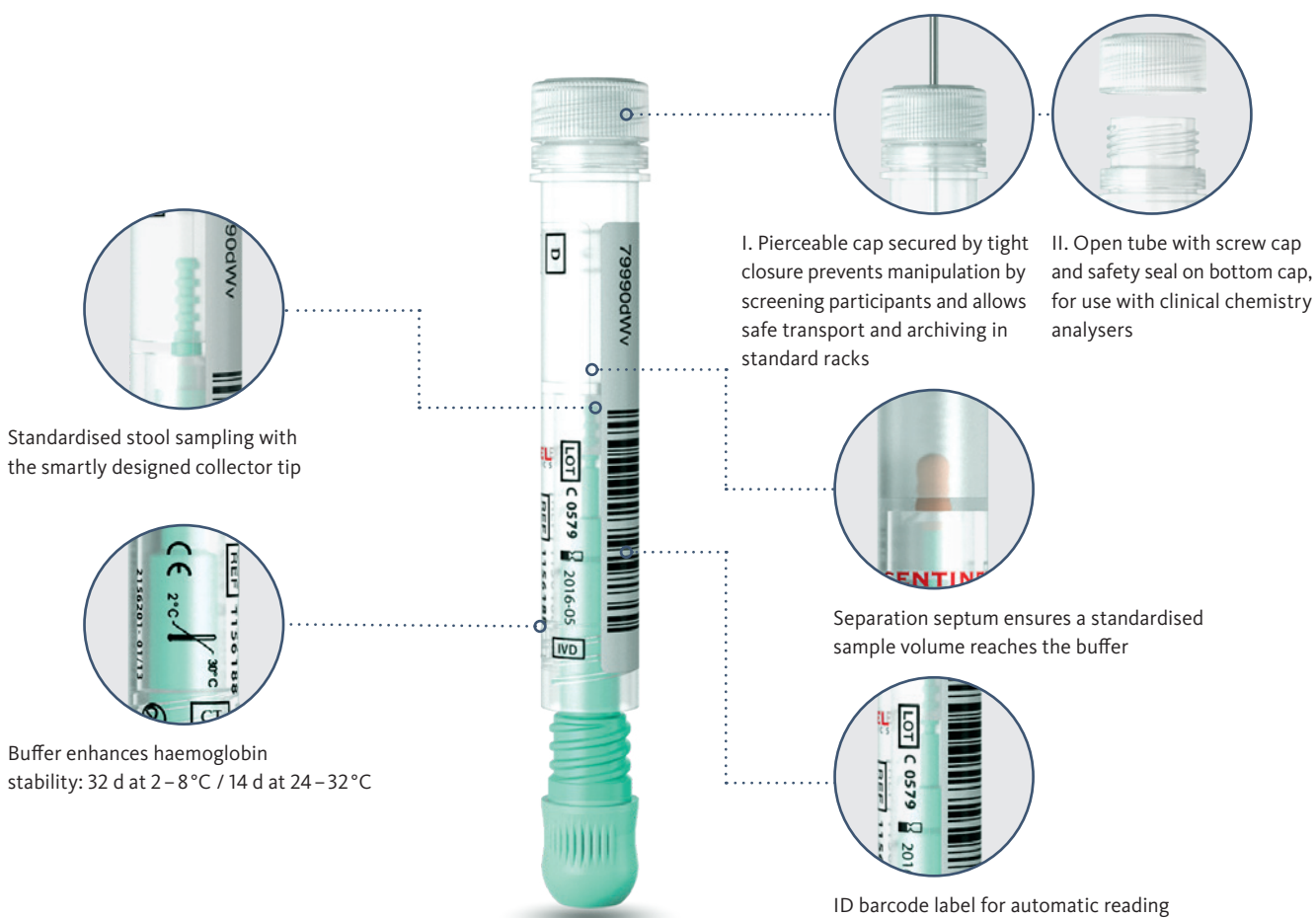
'You can easily analyse a few thousand tests per day.'

W.W.J. Spijker
CEO of the Screening Organisation in the Netherlands

FOB Gold – our core value: universal and easy to use

The patented, universally applicable FOB Gold tube ensures the perfect FIT for each laboratory, thanks to its unique set of features.

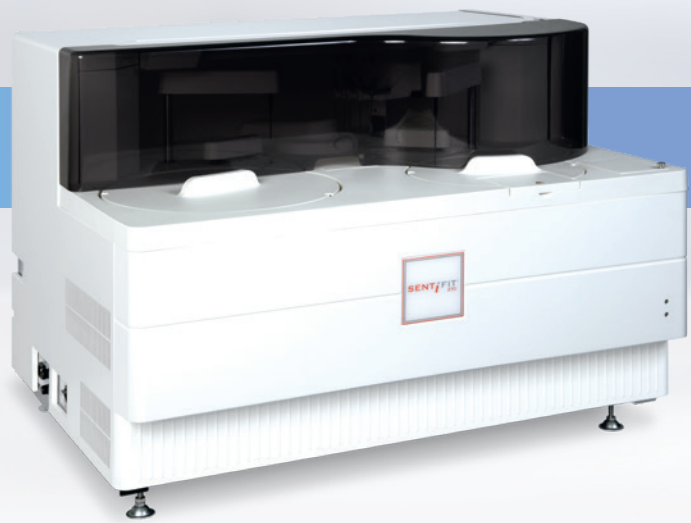
- Two versions for use on multiple platforms: universal and scalable
 - Pierceable tube – use with dedicated stand-alone analysers or total lab automation
 - Open tube with screw cap – for direct use in clinical chemistry analysers
- 2-in-1 collection tube: easy, safe and hygienic
- Directly ready for analysis upon arrival in the lab: reliable
- Quantitative results allow defining a cut-off: efficient
- For screening of populations and testing of symptomatic patients: flexible



●● FIT on a dedicated stand-alone faecal analyser

The SENTiFIT 270 Analyser is a fully automated clinical-chemical system especially developed for the quantitative determination of occult faecal haemoglobin using the FOB Gold pierceTube. SENTiFIT 270 Analyser is a highly reliable solution, suitable for FIT testing of asymptomatic populations within the scope of decentralised screening programmes as well as symptomatic patients in all hospitals or clinical laboratories.

> FIT in CRC screening programmes
FIT in patients with lower abdominal symptoms



Reliable and hygienic measurements

- Processes up to 270 samples / hour
- Continuous sample loading
- Automatically detects appropriate buffer level in tube
- Integrated sensor prevents blocking of the sampling needle
- Automatically detects prozone, thereby avoiding false-negative results, and high concentration samples, which can be automatically diluted and rerun
- High on-board reagent capacity for up to 1,250 tests
- Refrigerated reagent positions for long storage stability
- Highly stable latex reagent – shows virtually no sedimentation
- Barcode reader saves time – reads in reagents fast

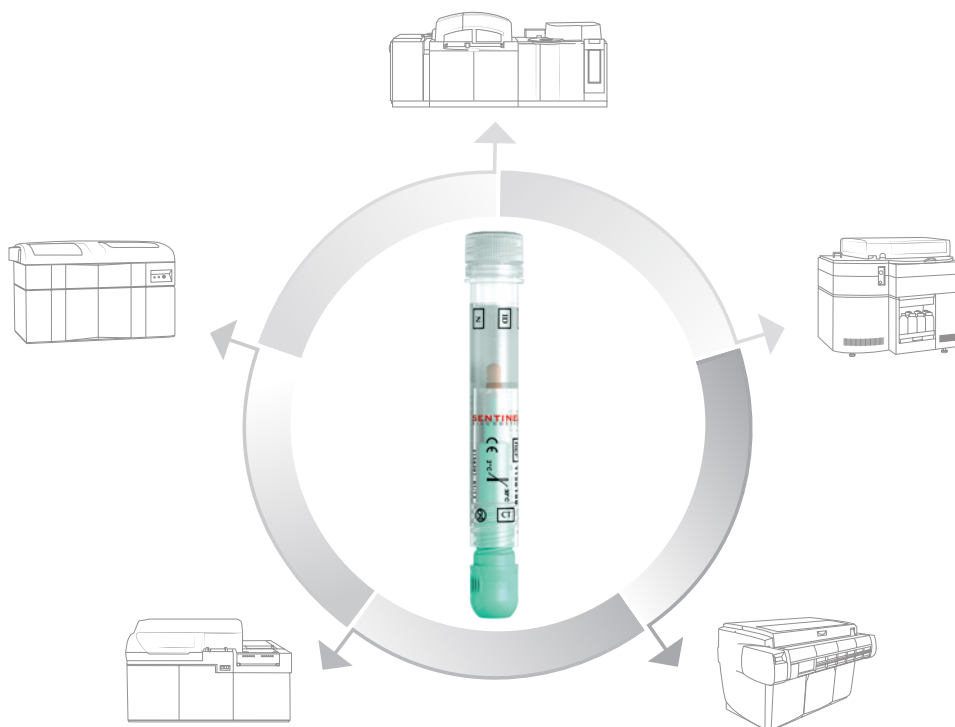
●● A perfect FIT for the testing of symptomatic patients

Apart from its screening use, FIT is also an effective measure for ruling out bowel cancer and avoiding unnecessary colonoscopy in symptomatic patients. This test can help to exclude or detect CRC after individuals with lower abdominal symptoms have been seeking medical advice. Although in most cases such symptoms do not stem from serious disease, they are very common, and physicians often refer their patients to invasive investigation. With resources for colonoscopy being limited in many places, FIT can serve as an effective non-invasive test and provide answers quickly.

- FIT on your existing clinical chemistry analyser(s)

In a routine lab, for the testing of symptomatic patients you would usually expect a low number of FIT samples. By using the patented, universal FOB Gold open tube, which can be placed in the majority of clinical chemistry analysers available in the market, you can easily integrate your FIT workload into your existing laboratory architecture, keeping investment costs within sensible limits.

> FIT in patients with lower abdominal symptoms



A flexible and universal system

- Consolidation of multiple analyses on one analysis system
- Batch testing is feasible thanks to the high Hb stability in the buffer
- No contamination risks – hygienic 2-in-1 tube design with safety seal
- Requires no extra analyser footprint – save on precious lab space
- Requires no dedicated hardware investment for the low number of samples
- Limits the FIT-related total cost of ownership sensibly

For more information as to which analyser models have been validated, please go to www.sysmex-europe.com/fobgold

Article overview

Article no.	Item	Package content
1156188	SENTIFIT pierceTube (FOB Gold pierceable tube)	100 tubes
11561H	FOB Gold Tube Screen (FOB Gold open tube)	100 tubes
1156008	SENTIFIT-FOB Gold latex Wide	2x20 mL; 2x20 mL
1156003	SENTIFIT-FOB Gold latex Set H	2x20 mL; 2x20 mL
1156009	FOB Gold NG Wide (latex, CC analyser)	1x20 mL; 1x20 mL
11560N	FOB Gold NG Set H (latex, CC analyser)	1x20 mL; 1x20 mL
1157401	FOB Gold Calibrator Wide	1x2 mL CAL + 5 mL DIL
1157103	FOB Gold Control Set Wide	2x (1x2) mL
11574	FOB Gold Calibrator Set H	6x (1x1) mL
11571	FOB Gold Control Set H	2x (1x2) mL
1157501	FOB Gold Screen Diluent	2x20 mL

FOB Gold tube patent:

EP patent 2223656 'Enhanced test tube for collecting, transporting and extracting faeces samples'

IATA-certified:

The FOB Gold tube conforms to UN3373 classification for the transport of biological substances.

www.fitscreening.eu

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