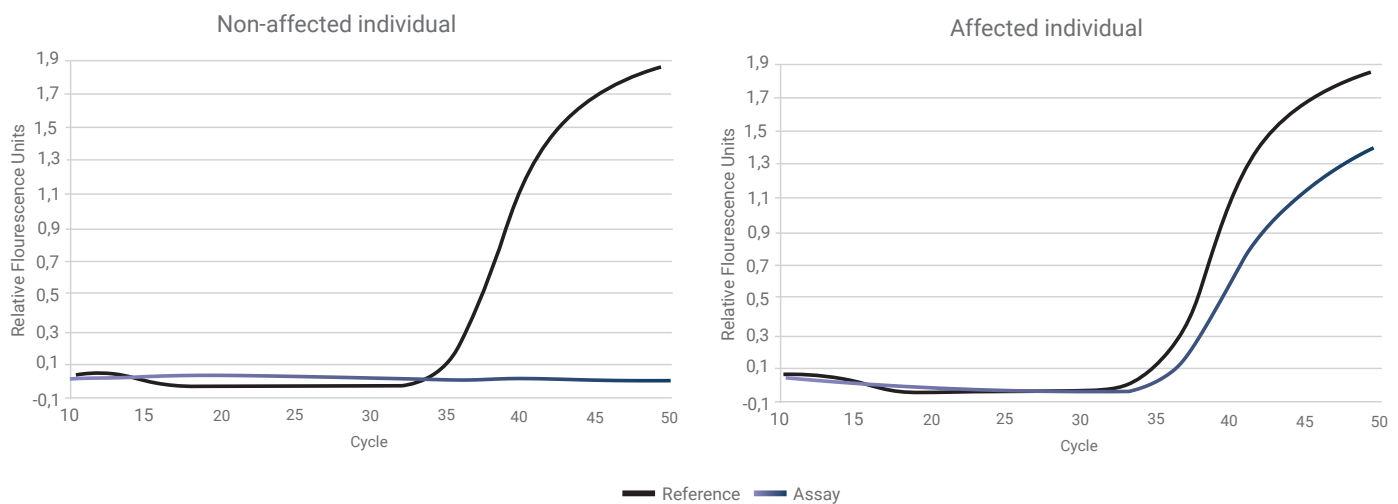


# SensiScreen<sup>®</sup> Liquid

## CANCER DIAGNOSTICS

Multi-functionality no longer compromise quality. The SensiScreen<sup>®</sup> assay combines simplex and multiplex capabilities with high sensitivity to provide patients with the most suitable treatment suggestion.



SensiScreen<sup>®</sup> Liquid analyses somatic mutations within cancer patients through efficient methods. Its high sensitivity allows it to detect down to one copy of genomic human DNA in liquid biopsies. It ensures a validated method of providing beneficial treatment options and an adaptive method of monitoring patients' responses towards their cancer treatments.

**Result in less than three hours**

**LoD down to one copy**

**Available as simplex or multiplex**

**High sensitivity**

Version 1.0

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# PRODUCT INFORMATION OF SensiScreen® Liquid

## Formats

Ready-To-Use  
Dispense Ready

## Result Time

Less than three hours

## Shipment

≤ 20°C or on dry ice

## Loci

V-raf, EGFR, BRAF, KRAS, PIK3CA,  
NRAS, and KIT

## Reagents and Materials

DNA oligomers modified with  
fluorophores, quenchers, and  
proprietary PentaBases

## Approved Instruments

BaseTyper™ 48  
Rotor-Gene (Qiagen)  
MX3000P/3005P (Agilent)  
LightCycler® 96 + 480 (Roche)  
CFX96™ (Bio-Rad)  
ABI 7500/7900HT (Applied  
Biosystems)  
MIC (Bio Molecular Systems)

## Configuration

Simplex and multiplex

## Design

Reference Assay  
Mutation Assay

## Storage

Range between -20°C and -80°C

## Content

Ready-To-Use: 12 or 60  
Dispense Ready: 20 or 50

## Detection Sensitivity

0.25-1 % mutation in a 50 ng wild type  
background

## Equipment Required

Template DNA (e.g. extracted cell-free  
DNA (cfDNA) from liquid biopsies)  
Real-Time PCR instrument  
Other relevant products (for more  
information visit [www.pentabase.com](http://www.pentabase.com))