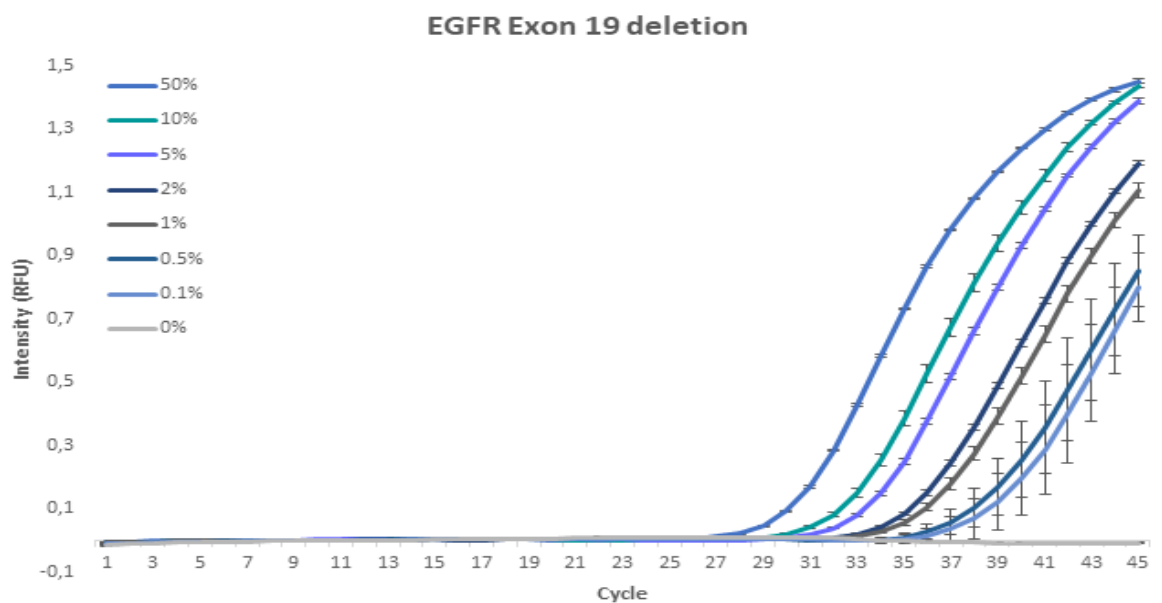


SensiScreen® Liquid

Cancer Mutation qPCR Assays



- Sensitive detection and monitoring of cancer mutations in cell-free DNA from liquid biopsies
- BRAF, EGFR, KIT, KRAS, NRAS and PIK3CA panels
- Open platform design
- Same setup and analysis protocol for maximum flexibility



PentaBase

SensiScreen® Liquid qPCR Assays intended for efficient and sensitive detection and monitoring of somatic mutations in cell-free DNA from liquid biopsies from cancer patients. All SensiScreen® qPCR Assays use the same setup and analysis protocol and are designed for open platforms for maximum flexibility. High sensitivity is ensured by incorporation of unique PentaBase INA® technology and SensiScreen® qPCR Assays are provided as either Ready-to-Use or Dispense Ready versions for minimal hands-on time or cost-efficient analyses.

Results in less than two hours

Based on INA® technology

Ready-to-Use optionality

LOD down to 1 molecule

For more
information



Specifications

Panels	Product Variants
BRAF, EGFR, KIT, KRAS, NRAS, PIK3CA	<p>Ready-to-Use variant pre-dispensed in PCR strip-tubes for minimum hands-on time</p> <p>Dispense Ready variant for cost-efficient bulk analyses</p>
Limit of Detection	Run Time
Down to 1 molecule	Less than 2 hours
Instrument compatibility ¹	Specimens
<p>SensiScreen® qPCR Assays are designed for open platforms including but not limited to:</p> <ul style="list-style-type: none"> -Applied Biosystems (7500, 7900, QuanStudio™) -Bio Molecular Systems (Mic²) -Bio-Rad (CFX) -Illumina (Eco™) -Qiagen (Rotor-Gene Q) -Roche (LightCycler® 480) -PentaBase (BaseTyper™) <p>1. Performance evaluation has only been performed on a limited group of instruments. Please refer to the <i>Instructions For Use</i> of the specific SensiScreen® qPCR Assays for details regarding instruments used during performance evaluation.</p>	Specimens should be human cell-free DNA extracted from liquid biopsies.
	Purification Methods
	Any manual or automatic purification method suitable for purification of cell-free DNA from liquid biopsies
	Input
	Up to 5 ng

PentaBase

PentaBase is a knowledge-based, ISO-certified real-time PCR-focused company founded and managed by researchers in Denmark. We have local *in-house* production of custom oligonucleotides and IVD qPCR assays based on our own proprietary DNA chemistry known as Intercalating Nucleic Acid (INA®). We specialise in development and manufacturing of oligonucleotides and *in vitro* diagnostic assays for real-time PCR with focus on detection of somatic mutations in cancer. For more than 10 years we have created products for researchers and medical professionals exploring new treatments and helping patients worldwide.

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