

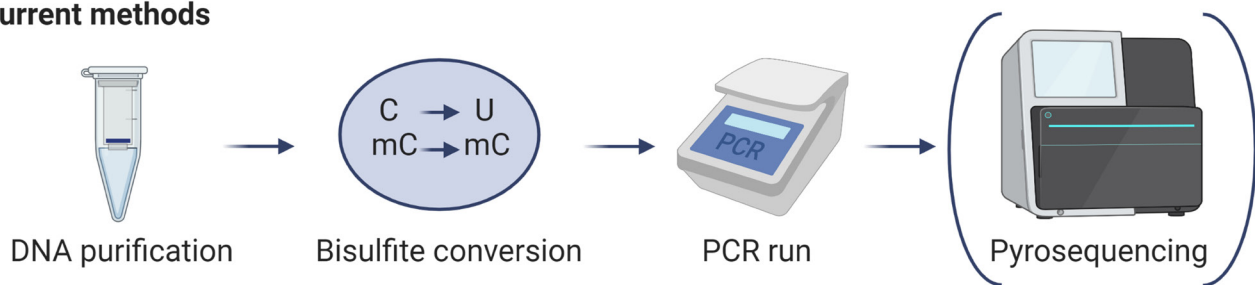
EpiDirect[®] MGMT

Methylation qPCR Assay

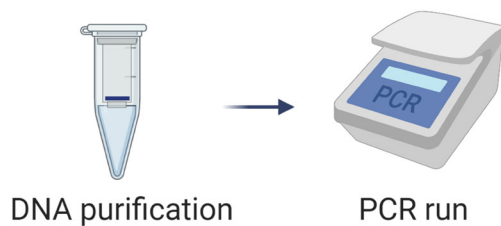


- A novel qPCR-based method for direct analysis of DNA methylation status in human samples
- Purified DNA is analysed directly without prior bisulfite conversion

Current methods



EpiDirect[®]



EpiDirect[®] MGMT Methylation qPCR Assay makes it possible to evaluate the methylation status of the MGMT promoter in human cancer biopsies using Real-Time PCR. The analysis does not require prior bisulfite conversion and offers objectivity in measurement, minimum hands-on time, and reduced turn-around time compared to the current state-of-the-art.

Results in less than 2 hours

One instrument procedure

No bisulfite conversion

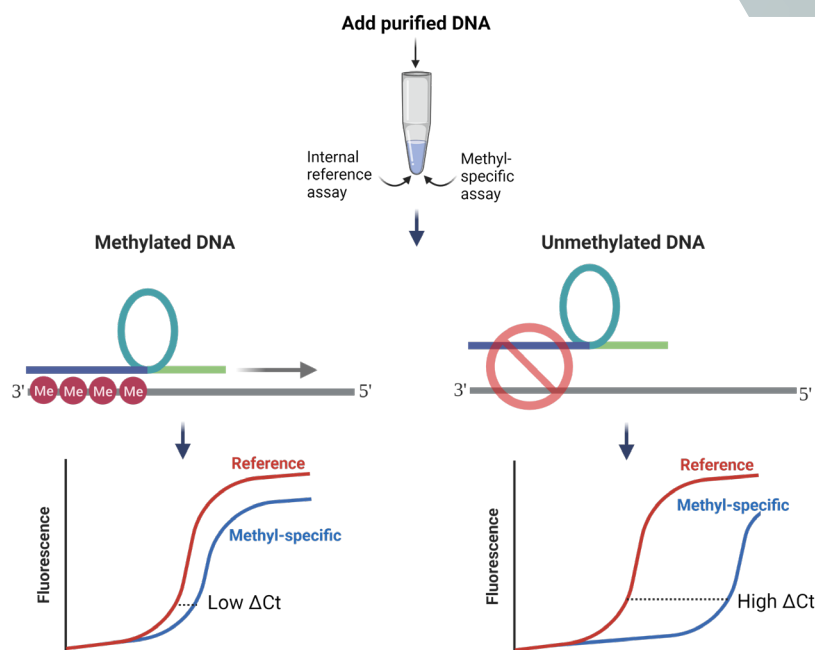
Easy interpretation

PentaBase

For more
information



Technology



The EpiPrimer™ technology allows for evaluation of methylation status by calculating the Ct difference (ΔC_t) between the reference assay and the methyl-specific assay.

Specifications

Format

Real-time qPCR Assay

Targets

MGMT promoter

Materials

Pipettes and tips
Centrifuge for spinning PCR tubes, strips or plates

Specimens

Specimens should be human DNA extracted from formalin-fixed paraffin-embedded (FFPE), fresh or fresh-frozen tumour sections

Approved Instruments

BaseTyper™ 48.4 Quiet HRM Real-Time PCR System (PentaBase A/S)
QuantStudio™ 5 Real-Time PCR System
CFX Opus 96 Real-Time PCR System

Product Variants

Ready-to-Use

Result Time

Less than 1½ hours

Storage and Stability

Assay performance has been evaluated after storage at -20°C for 6 months

Sample Purification

Extraction of genomic DNA from FFPE samples can be performed using standard FFPE extraction kits

Included Controls

Positive and negative control



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Figures created with BioRender.com