

# MicroSight<sup>®</sup> MSI

## 1-step HRM Analysis

- Evaluation of microsatellite instability (MSI) by qPCR and high resolution melt (HRM) analysis



Simple sample setup and analysis procedure allows for easy implementation into standard laboratory workflows

Paired and unpaired sample input

Results in less than two hours

One instrument procedure

Easy interpretation

Objective data

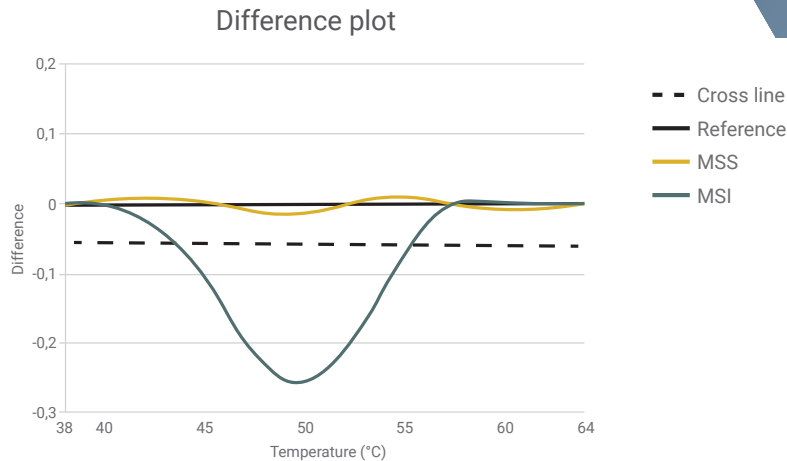
MicroSight<sup>®</sup> MSI 1-step HRM Analysis makes it possible to evaluate the stability/instability of five microsatellites in human cancer biopsies using Real-Time PCR and high-resolution melt. The analysis offers objectivity in measurement, minimum hands-on time, and reduced turn-around time compared to the current state-of-the-art.

**PentaBase**

For more information



# Technology



Automatic generation of difference plots and predefined cutoffs provide objective data and allow for easy analysis of MSI status

## Specifications

### Format

Paired and Unpaired

### Targets

BAT25, BAT26, NR22, NR24 & MONO27

### Materials

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

### Collection Kits

Specimens should be human gDNA extracted from formalin-fixed paraffin-embedded (FFPE), fresh or fresh-frozen tumour sections and, for paired analysis, comparable germline gDNA (non-tumour tissue DNA).

### Approved Instruments

BaseTyper™ 48.4 Quiet Real-Time PCR System

### Product Variants

Ready-to-Use

### Result Time

Less than 2 hours

### Storage

The assay must be stored at -20°C

### Sample Purification

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

### Controls

Positive and negative control  
Universal Reference (for unpaired samples)

### Contact us



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Figures created with BioRender.com