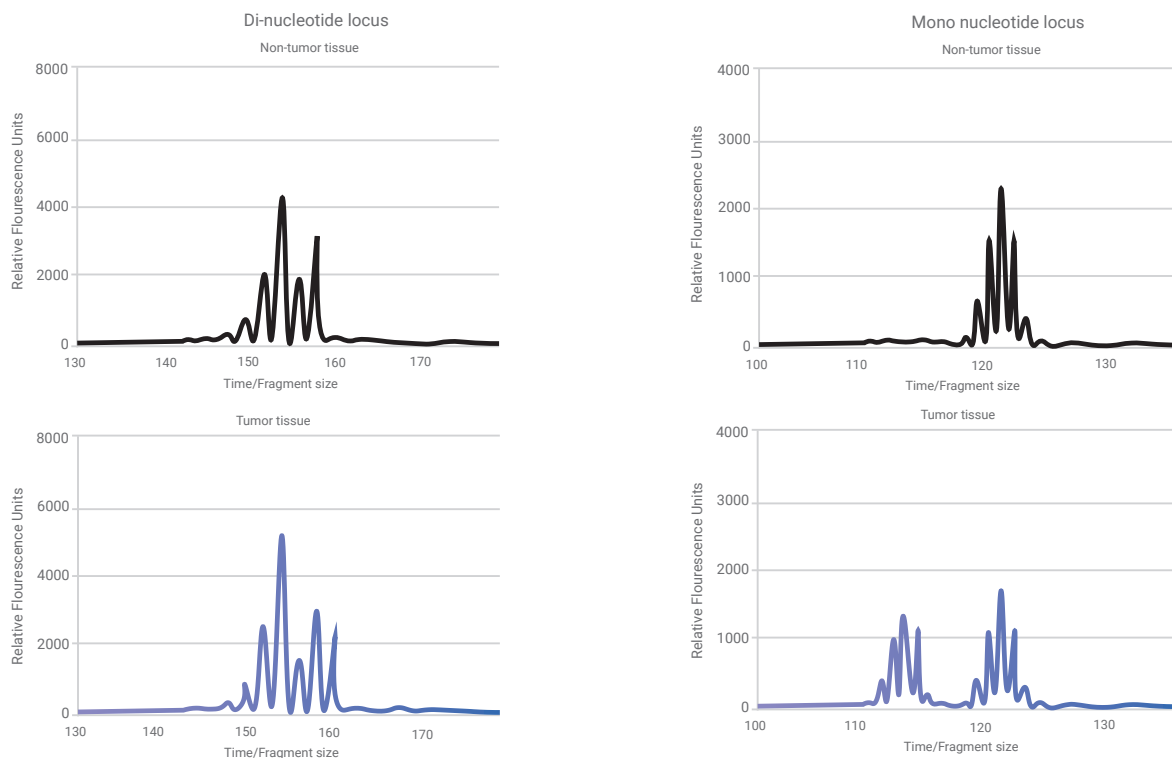


PlentiPlex™ MSI

CANCER DIAGNOSTIC

PlentiPlex™ MSI assays are intended for in vitro diagnosis of impaired mismatch repair (MMR) affecting prognosis and selection of treatment in cancer patients.



PlentiPlex™ MSI assays offer three different multiplexed MSI assays for the length analysis of five microsatellite loci. The assays are intended to assist in further cancer treatments, which provides a personalised and precise treatment for the patient. Additionally, the assays enable validated screening for microsatellite instability in tumors.

Well-known validated loci

Simplified four-step workflow

Simple MSI stratification of solid tumors for treatment guidance

Minimal hands-on time

Version 1.0

PRODUCT INFORMATION OF PlentiPlex™ MSI

Formats

Ready-To-Use

PCR Result Time

< 90 minutes

Shipment

≤ 20°C or on dry ice

Loci

Beshesda BAT25, BAT26, D2S123,
D5S346 and D17S250
Classic BAT25, BAT26, NR-21, NR-22,
and NR-24
PentaBase BAT25, BAT26, MONO 27,
NR-22 and NR-24

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)

Design

PCR products from each loci are
detected on individual fluorescence
channels

Storage

Range between -20°C and -80°C

Content

Ready-To-Use: 12 or 60 reactions
in pre-aliquoted 0.2 ml PCR strips or
tubes suitable for most standard
96-well plate format PCR instruments

Equipment Required

Template DNA (normal and tumor-
derived)
PCR instrument
DNA sequence analyzer compatible
with the fluorophores in the
PLENTIPLEX™ MSI ASSAYS
Other relevant products (for more
information visit www.pentabase.com)