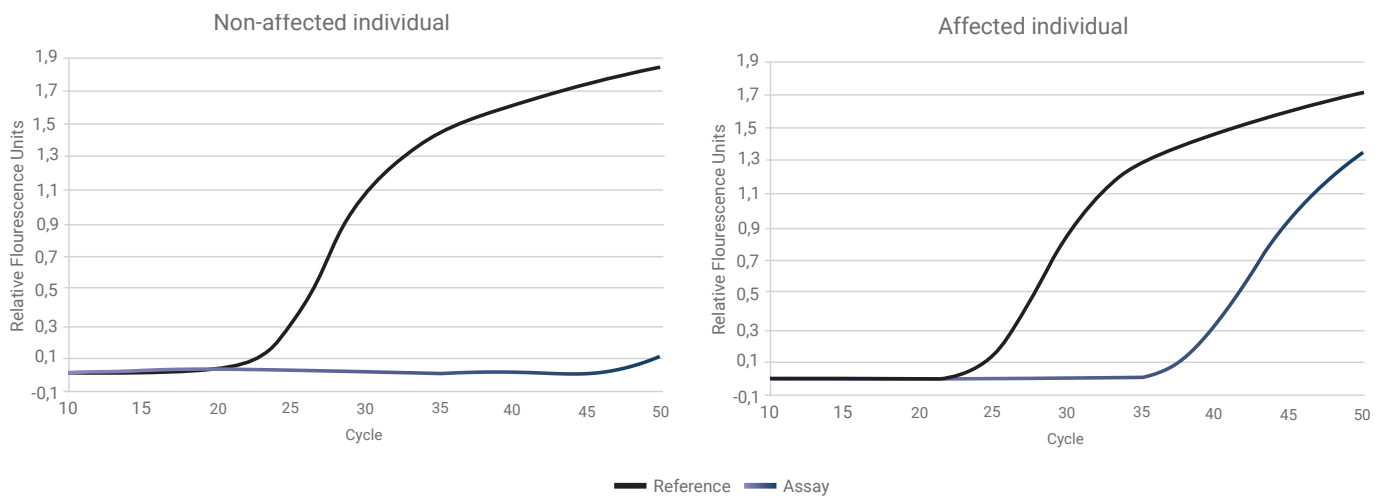


PlentiPlex™ Mastocytosis

CANCER DIAGNOSTIC

PlentiPlex™ Mastocytosis assay provides a fast and easy diagnosis of the Mastocytosis condition, more specifically the detection of the KIT D816V mutation.



PlentiPlex™ Mastocytosis assay utilizes PentaBase's in-house production of custom DNA molecules based on our Intercalating Nucleic Acid (INA) chemistry. This technology provides an analysis that discovers and identifies if the patient has a disorder characterized by growth and accumulation of neoplastic mast cells in various organs, most commonly in the skin.

Results within 90 minutes

High sensitivity

Short and simple 3-step workflow

Enables personalised cancer treatments

Version 1.0

PRODUCT INFORMATION OF PlentiPlex™ Mastocytosis

Formats

Ready-To-Use
Dispense Ready

Result Time

≤ 90 minutes

Shipment

≤ 20°C or on dry ice

Loci

KIT D816V

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

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% of a human genomic DNA
(gDNA) sample

Equipment Required

Template DNA (extracted patient gDNA)
Applied Biosystems QuantStudio Real-Time PCR instrument
Other relevant products (for more information visit www.pentabase.com)