

## TECHNICAL SHEET IDYLLA™ IDH1-2 MUTATION ASSAY KIT

The **Idylla™ IDH1-2 Mutation Assay Kit** performed on the Biocartis Idylla™ System, is a fully automated real-time polymerase chain reaction (PCR) assay for the qualitative detection of five IDH1 mutations in **codon R132**, four IDH2 mutations in **codon R140** and six IDH2 mutations in **codon R172**.

The Idylla™ IDH1-2 Mutation Assay Kit is compatible with FFPE tissue sections, human whole blood and bone marrow, and DNA extracted from all of these sample types. The Idylla™ IDH1-2 Mutation Assay Kit covers the entire process from **sample to result**, including real-time PCR amplification and detection, data analysis, and result reporting. The Kit is intended for Research Use Only (RUO).

### FEATURES

#### IDH1 Mutation Detection

Codon 132	R132C	c.394C>T
	R132H	c.395G>A
	R132G	c.394C>G
	R132S	c.394C>A
	R132L	c.395G>T

#### IDH2 Mutation Detection

Codon 140	R140Q	c.419G>A
	R140L	c.419G>T
	R140G	c.418C>G
	R140W	c.418C>T
Codon 172	R172K	c.515G>A
	R172M	c.515G>T
	R172G	c.514A>G
	R172S	c.516G>T
	R172S	c.516G>C
	R172W	c.514A>T

## Specimen requirements

Sample Type	Extracted DNA: 50 µl (concentration $\geq 10$ ng/µl) FFPE: maximum 3 FFPE tissue sections Whole blood & bone marrow: 10 µl
Neoplastic cells	FFPE: $\geq 10\%$ neoplastic cells. If less, macro-dissection is required.

## Supported blood and bone marrow collection tubes

EDTA tubes

## Total turnaround time

Time	95 minutes
------	------------

## Result reporting

Report	Qualitative genotype call + Cq Value
--------	--------------------------------------

## Catalog numbers

Idylla™ IDH1-2 Mutation Assay (Vial)	A0181/6
Idylla™ DNA Cartridge	A0191/6

The Idylla™ IDH1-2 Mutation Assay Kit consists of a Cartridge and a Vial.



Idylla™ IDH1-2 Mutation Assay Kit is for Research Use Only (RUO), not for use in diagnostic procedures. Idylla™ Platform is CE-marked in Europe in compliance with EU IVD Regulation 2017/746, cleared for sale in the US and registered in many other countries. Biocartis and Idylla™ are registered trademarks in Europe, the US and many other countries. The Biocartis and Idylla™ trademarks and logos are used trademarks owned by Biocartis. Idylla™ is available for sale in Europe, the US and many other countries. Please check availability with the local Biocartis representative.  
© February 2024, Biocartis NV. All rights reserved.