

BECAUSE
TIME MATTERS

IDYLLA™

IDH1-2

MUTATION ASSAY KIT




idylla
by BIO CARTIS

Idylla™ IDH1-2 Mutation Assay Kit is for Research Use Only (RUO), not for use in diagnostic procedures.

IDYLLA™ IDH1-2 MUTATION ASSAY KIT

INNOVATIVE. FAST. EASY.



Detection of 5 mutations in *IDH1* gene (codon 132) and 10 mutations in *IDH2* gene (codons 140 & 172).



Under 5 minutes hands-on time.
Assay turnaround time approximately 95 minutes.



For use on the fully automated Idylla™ Platform.
On-demand testing: no sample batching required.



The assay performance has been evaluated at multiple sites in both the US and Europe.

MINIMUM SPECIMEN REQUIREMENTS

Extracted DNA

- 50 µl of extracted DNA
- Concentration ≥ 10 ng/µl
- DNA should be extracted from samples with $\geq 10\%$ neoplastic cells

Also compatible with **FFPE sections** without DNA extraction.

- $\geq 10\%$ neoplastic cells



15 MUTATIONS DETECTED IN ONE KIT

The Idylla™ IDH1-2 Mutation Assay Kit qualitatively detects mutations in the *IDH1* and *IDH2* genes. The Kit detects 5 mutations in codon 132 of the *IDH1* gene and 10 mutations in codons 140 and 172 in the *IDH2* gene.

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

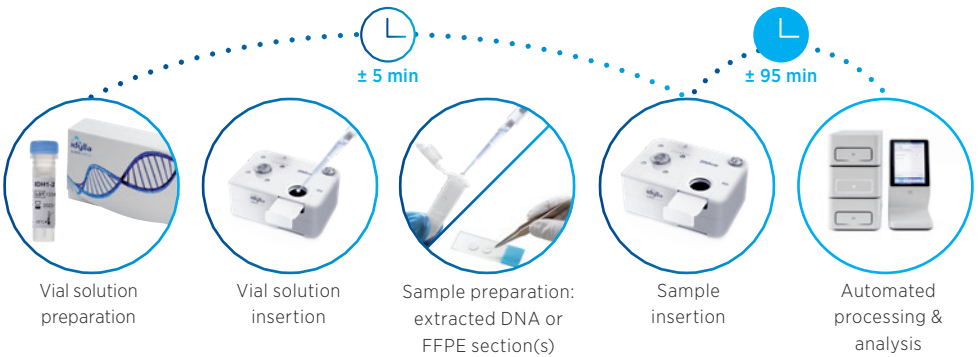
Codon 140	R140Q	c.419G>A
	R140L	c.419G>T
	R140G	c.418C>G
	R140W	c.418C>T
Codon 172	R172K	c.515G>A
	R172M	c.515G>T
	R172G	c.514A>G
	R172S	c.516G>T
	R172S	c.516G>C
	R172W	c.514A>T



IDH1-2 WORKFLOW

The Idylla™ IDH1-2 Mutation Assay Kit consists of **one generic Cartridge** and **one target-specific Vial (IDH1 & IDH2)**, which contain the necessary reagents to perform fully integrated sample processing, real-time PCR and detection. The Kit is run on the fully automated Idylla™ Platform.

IDH1-2 WORKFLOW



Biocartis NV
Generaal De Wittelaan 11B
2800 Mechelen, Belgium
+32 15 632 888

Biocartis US Inc.
2 Pierce Place Suite 1510
Itasca, IL 60143
Phone: +1 (844) 443-9552

Follow us on   
www.biocartis.com
customerservice@biocartis.com
customerserviceUS@biocartis.com

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1800 ABACUS (AUS) 0800 222 170 (NZ) | info@abacusdx.com | www.abacusdx.com

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