Technical sheet Idylla™ ctBRAF Mutation Assay

ctBRAF RUO

The **Idylla™ ctBRAF Mutation Assay**, performed on the Biocartis Idylla™ System, is an Assay for the semi-quantitative detection of **V600E/E2/D** and **V600K/R/M** mutations in codon 600 of the *BRAF* gene. The Idylla™ ctBRAF Mutation Assay extracts and amplifies BRAF circulating tumor DNA (ctDNA) from 1 ml of plasma. The Assay is a **sample-to-result** real-time PCR, intended to use for research applications only.

Features

ctBRAF mutation detection		
Codon 600	BRAF V600E	(c.1799T>A)
	BRAF V600E2	(c.1799_1800delinsAA)
	BRAF V600D	(c.1799_1800delinsAT; c.1799_1800delinsAC)
	BRAF V600K	(c.1798_1799delinsAA)
	BRAF V600R	(c.1798_1799delinsAG)
	BRAF V600M	(c.1798G>A)
	BRAF Wild Type	(c.1799T)
RNaseP (acting as Sample Processing Control)		
Specimen requirements		
Sample Type	1 ml of EDTA plasma	
Supported blood collection tubes		
EDTA tubes	Blood must be centrifuged within 4 hours after collection	
Cell-free DNA BCT® tubes (Streck)	Blood must be centrifuged within 3 days after collection	
Total turnaround time		
Time	Approx. 85 minutes	
Result Reporting		
Report	Genotype call and Cq values	

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