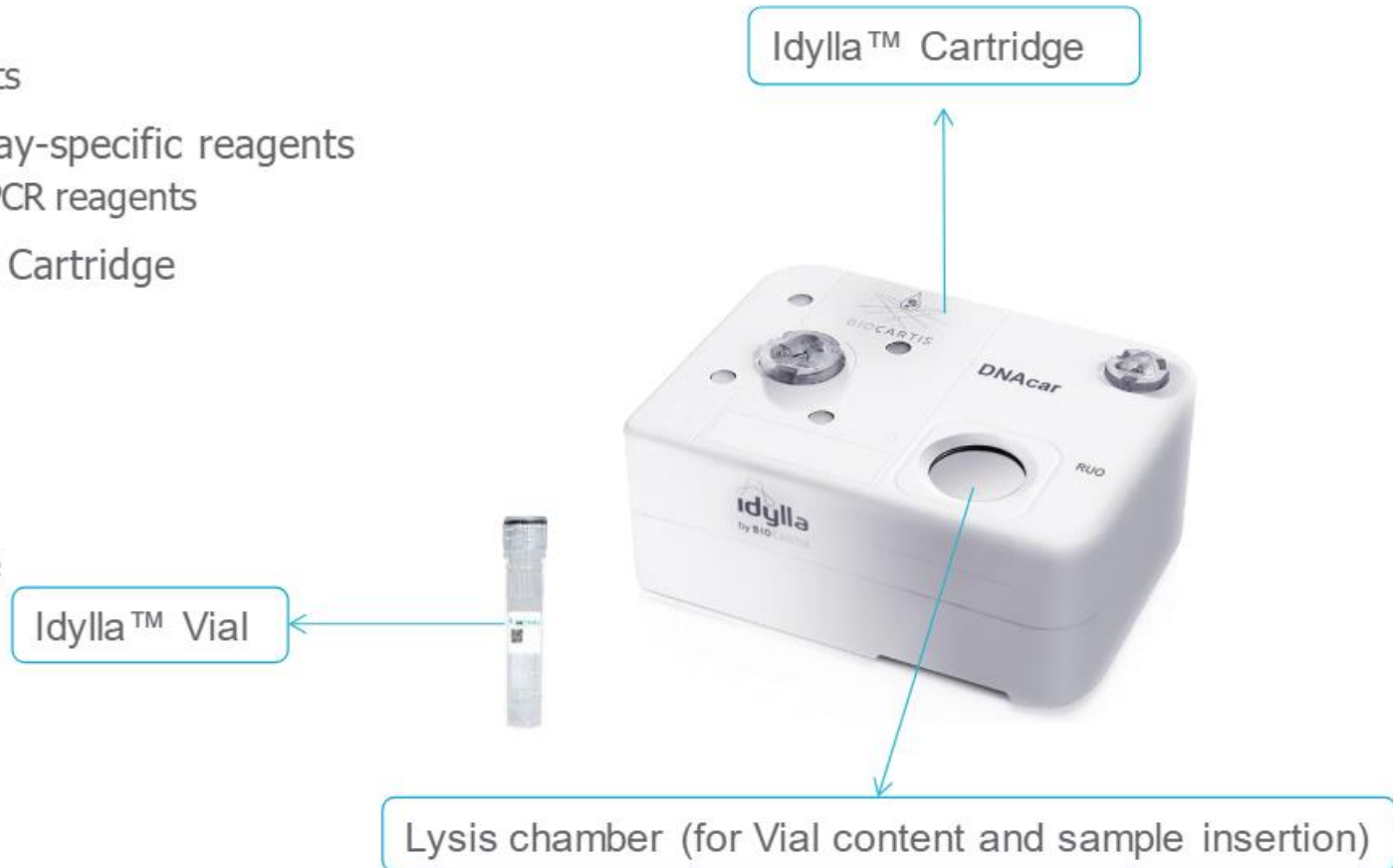
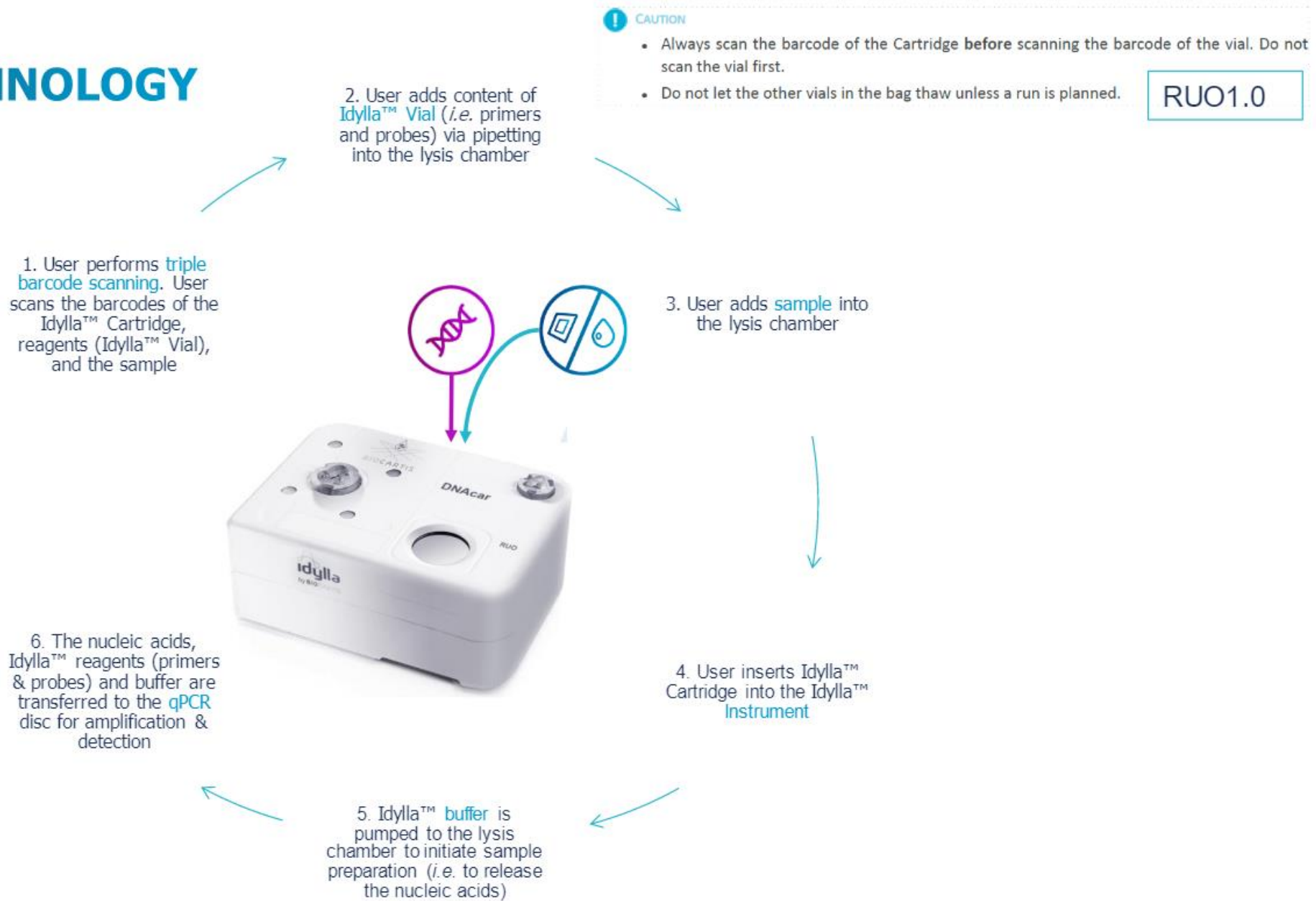


IDYLLA™ TECHNOLOGY







- Idylla™ **Cartridge** contains all necessary generic reagents
 - Liquid reagents > sample preparation
 - Dried reagents > generic qPCR reagents
- Idylla™ **Vial** contains all necessary assay-specific reagents
 - Primers and probes > assay-specific qPCR reagents
- All processing steps happen inside the Cartridge
- **Single-use**
 - Single-use Cartridge
 - Single-use Vial
- **Storage**
 - Storage Cartridge at room temperature
 - Storage Vial in freezer (-20°C/-4°F)



IDYLLA™ TECHNOLOGY



IDYLLA™ AIMS FOR SPEED & SIMPLICITY

-  Detection of 5 IDH1 and 10 IDH2 biomarkers **in one Cartridge**
-  Fully **automated**, random access
-  Aiming at less than **5 minutes** hands-on time and turnaround time of approximately **95 minutes**
-  Extracted **DNA** from whole blood, bone marrow, or FFPE tissue sample
-  Whole blood, bone marrow, cell pellets
-  FFPE tissue sample



Additional feasibility studies on these sample types are ongoing.

FFPE = formalin-fixed paraffin-embedded

IDYLLA™ IDH1-2 MUTATION ASSAY KIT - PANEL



Qualitative detection of

- Five IDH1 mutations in **codon R132**
- Four IDH2 mutations in **codon R140**
- Six IDH2 mutations in **codon R172**

15 mutations detected in 3 different codons

Table 1. Nomenclature of IDH1 and IDH2 mutations detected by Idylla™ IDH1-2 Mutation Assay Kit.

GENE	CODON	MUTATION	AMINO ACID CHANGE	CODING DNA CHANGE	COSMIC ID
IDH1	132	R132C	p.Arg132Cys	c.394C>T	COSM28747
		R132H	p.Arg132His	c.395G>A	COSM28746
		R132G	p.Arg132Gly	c.394C>G	COSM28749
		R132S	p.Arg132Ser	c.394C>A	COSM28748
		R132L	p.Arg132Leu	c.395G>T	COSM28750
IDH2	140	R140Q	p.Arg140Gln	c.419G>A	COSM41590
		R140L	p.Arg140Leu	c.419G>T	COSM41875
		R140G	p.Arg140Gly	c.418C>G	COSM1737874
		R140W	p.Arg140Trp	c.418C>T	COSM41877
	172	R172K	p.Arg172Lys	c.515G>A	COSM33733
		R172M	p.Arg172Met	c.515G>T	COSM33732
		R172G	p.Arg172Gly	c.514A>G	COSM33731
		R172S	p.Arg172Ser	c.516G>T	COSM34090
		R172S	p.Arg172Ser	c.516G>C	COSM133672
		R172W	p.Arg172Trp	c.514A>T	COSM34039