

## Product list

Product	Cat. #	Rx	Hot spot(A.A.)	Range(A.A)
ABL	ABL-002-0020	20	M244	237~275 aa
			Q252/Y253/E255	184~260 aa
			T315	308~361 aa
			M351	310~359 aa
AKT	AKT-002-0020	20	E17	8~33 aa
ASXL1	ASXL1-002-0020	20	G646	635~657 aa
BRAF	BRAF-002-0020	20	V600	591~620 aa
DNMT3A	DNMT3A-002-0020	20	R882	873~904 aa
			G719	688~728 aa
			Exon 19 del	739~760 aa
			S768	761~823 aa
EGFR	EGFR-002-0020	20	L858/L861	850~875 aa
			T790	782~823 aa
			D835	807~844 aa
			G12/G13	6~37 aa
HRAS	HRAS-002-0020	20	Q59/Q61	53~97 aa
			K117	112~150 aa
			A146	127~150 aa
			V617	608~621 aa
JAK2	KIT-002-0020	20	V560	551~591 aa
			L576	549~584 aa
KIT	JAK2-002-0020	20	K642	635~663 aa
			G12/G13	3~23 aa
KRAS	KRAS-002-0020	20	Q59/Q61	53~96 aa
			K117	107~150 aa
			A146	107~150 aa
			G12/G13	6~37 aa
NRAS	NRAS-002-0020	20	Q59/Q61	52~97 aa
			K117	108~150 aa
			A146	123~150 aa
PI3KCA	PI3KCA-002-0020	20	E542/E545/Q546	536~554 aa
			H1047/G1049	1039~1069 aa
TET2	TET2-002-0020	20	R550	544~619 aa
TP53	TP53-002-0020	20	R273	266~306 aa



# cfDNA

## mutation screen kit

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Email: Johan@hongjing.com.tw

Address: 5F., No.172, Sec. 1, Zhongshan Rd.,  
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### European Authorized Representative MIB TECHNOLOGY LTD.

Tel : +35316689760

E-mail : mib-eu@gmail.com

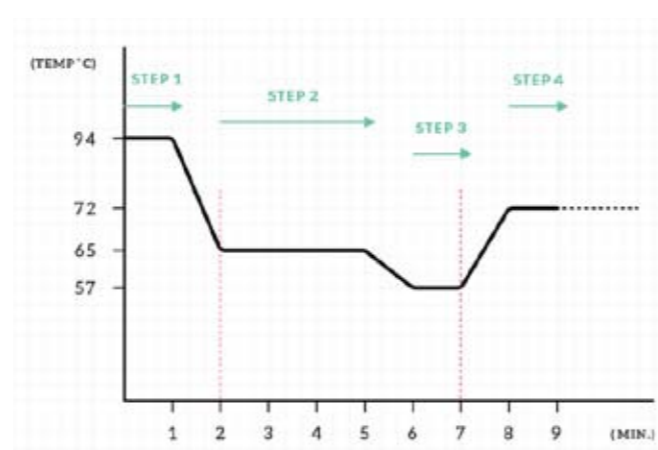
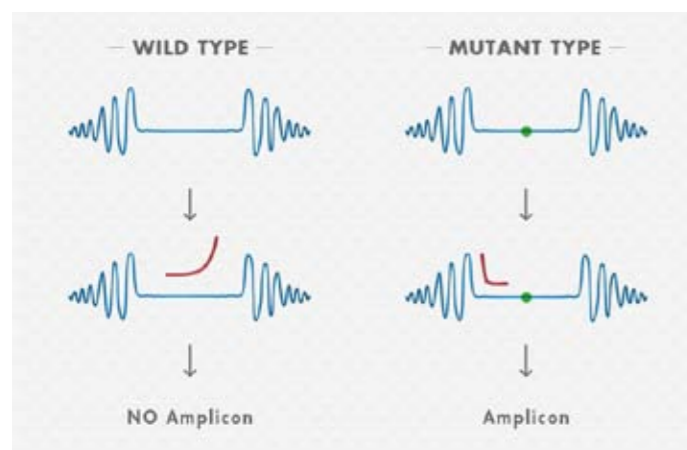
Adress : JPA Brenson Lawlor House, Argyle Square,  
Morehampton Road, Dublin 4, Ireland



## Key features

- Detect known and unknown mutation in target Exons
- Mutation enrich technology with high specificity and sensitivity
- Open system and easy to be done
- Minimal sample size
- No microdissection required

## Core tech



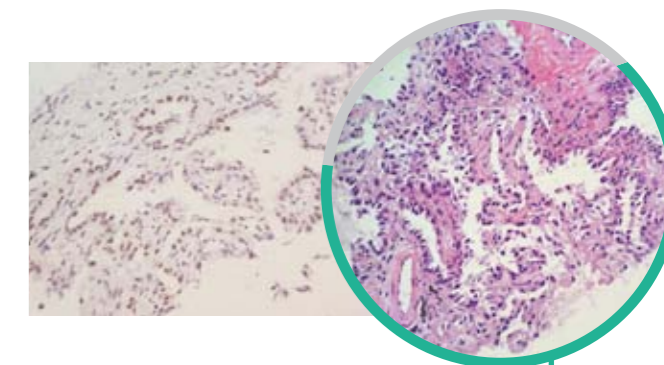
## Kit component

Vial Number	Name of Component	Description	Volume (µl)
1	Exon 18 Primer Mix	G719 primers	100 µl
2	Exon 19 Primer Mix	Exon 19 deletion primers	100 µl
3	Exon 20 Primer Mix	S768 and Exon 20 insertion primers	100 µl
4	Exon 21 Primer Mix	L858 and L861 primers	100 µl
5	T790 Primer Mix	T790 primers	100 µl
6	Exon 18 Reverse Primer	Exon 18 sequencing primer	10 µl
7	Exon 19 Reverse Primer	Exon 19 sequencing primer	10 µl
8	Exon 20 Reverse Primer	Exon 20 sequencing primer	10 µl
9	Exon 21 Reverse Primer	Exon 21 sequencing primer	10 µl
10	T790 Reverse Primer	T790 sequencing primer	10 µl
11	DNA Quality Control Primer Mix	DNA quality control primers	100 µl
12	2x PCR Master Mix	PCR reaction polymerase pre-mixture	1200 µl
13	ddH2O	Sterile H2O	1 ml

## Total solution

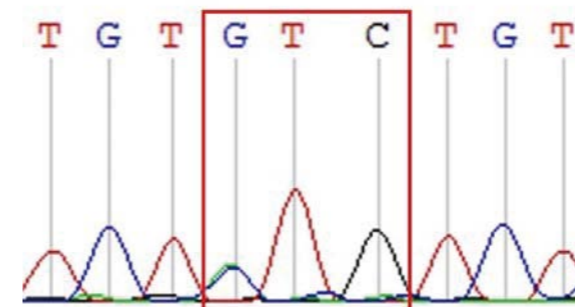


Blood / plasma cfDNA

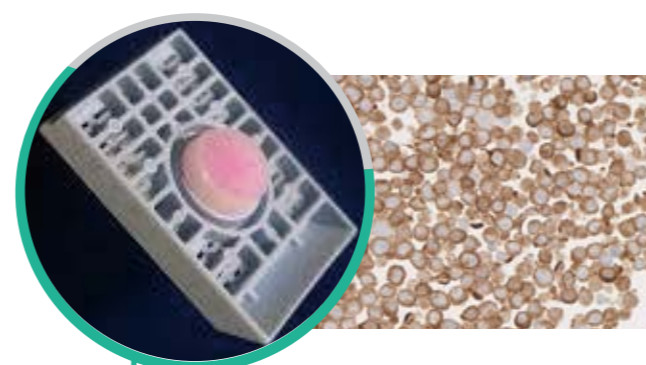
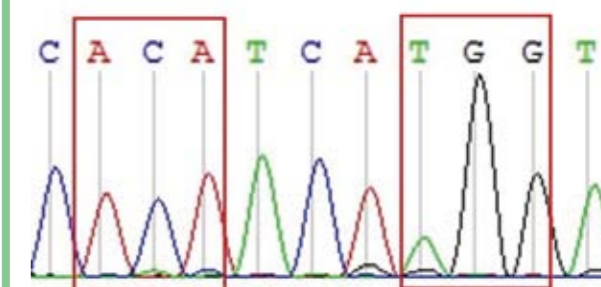


FFPE / Fine needle biopsy

### JAK2 V617 mutation

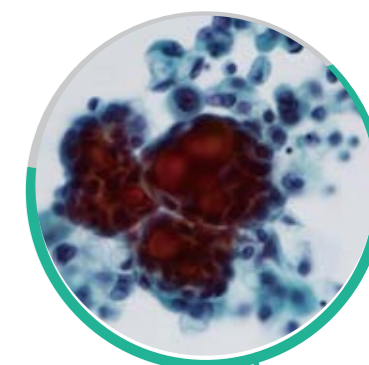


### PI3KCA H1047/G1049 mutation



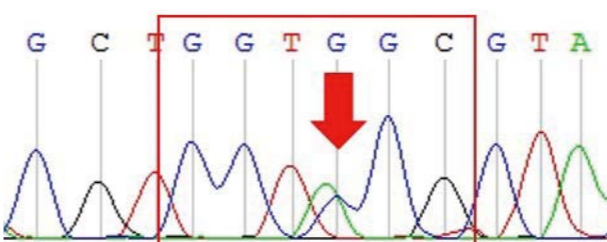
Pleural effusion / Cell Block

71 y/o female,  
pleural effusion,  
TTF1 (+)



Cytology sample

### KRAS G13 mutation



### EGFR L858 mutation

