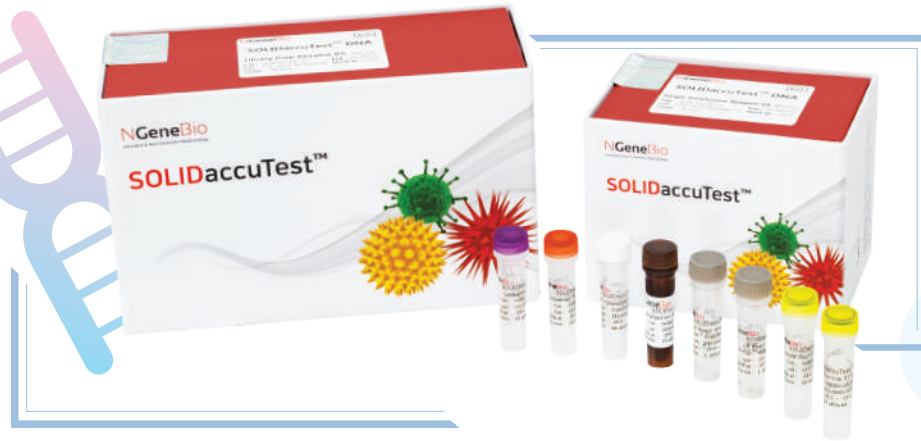


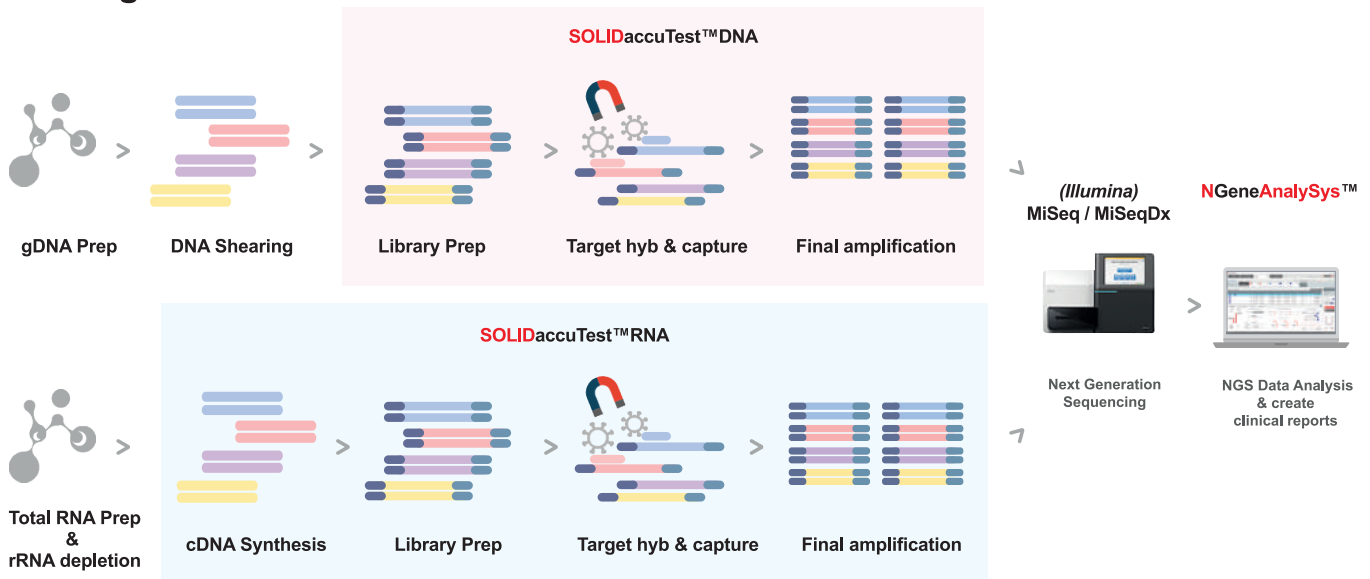
SOLIDaccuTest™

Genetic variants screening for solid tumors

Lung | gastric | colon | breast/ovarian cancer and melanoma, etc.



Working Process



Product Specification

	SOLIDaccuTest™ DNA	SOLIDaccuTest™ RNA
Technique	NGS (Next Generation Sequencing)	
Compatible platforms	Illumina / MiSeq, MiSeqDx	
Target Enrichment	Targeted sequencing / Hyb & capture method	
Specimen	FFPE, tissues biopsy	
Quantity	8 runs (8-12 tests/run, up to 96 tests/pack)	
Target genes	84 genes	29 genes
Target size	270 kb	80 kb
Turn around time	3 days	3.5 days
Variants type	SNV, In, Del, Dup, CNV & Fusion (ALK, RET, MET)	Fusion, Alternative splicing, expression level

Features and Performance



Composed of clinically significant genes
in targeted cancer therapy



Obtain high coverage uniformity across all targets



More efficient detection of cancer-causing mutations

(variants detection rate in blind test \geq 99% : clinical samples tested)



High reproducibility and increased depth of coverage

Target Gene List

DNA Panel	AKT1	ALK	APC	AR	ARAF	ARID1A	ATM	ATRX	BRAF	BRCA1
	BRCA2	CCND1	CCNE1	CDH1	CDK4	CDK6	CDKN2A	CTNNB1	DDR2	EGFR
	ERBB2	ERBB3	ERBB4	ESR1	EZH2	FBXW7	FGFR1	FGFR2	FGFR3	FH
	FOXA1	GATA3	GNA11	GNAQ	GNAS	H3F3A	HRAS	IDH1	IDH2	JAK1
	JAK2	JAK3	KIT	KRAS	MAP2K1	MDM2	MET	MLH1	MSH2	MSH6
	MTOR	MYC	MYCN	NF1	NOTCH1	NRAS	PALB2	PDGFRA	PIK3CA	PIK3R1
	PMS2	POLE	PTEN	RAC1	RAF1	RB1	RET	RHOA	RICTOR	RIT1
	ROS1	SMAD2	SMAD3	SMAD4	SMARCA4	SMARCB1	SMO	SPOP	SRC	STK11
	TGFBR2	TP53	TSC1	TSC2	VHL					
	RNA panel	AKT3	ALK	BRAF	CLDN18	EGFR	ERAS	ERG	ESR1	ETV1
	ETV5	FGFR1	FGFR2	FGFR3	MET	MITF	NRG1	NTRK1	NTRK2	NTRK3
	RAF1	RET	ROS1	RSPO2	RSPO3	TFE3	TFEB	BRCA1	BRCA2	

Ordering Information

Cat no.	Products	Quantity	Storage
NGB131UWW	SOLIDaccuTest™ DNA		
NGB131UWW-71	SOLIDaccuTest™ DNA Library Preparation Kit	96 tests	-20 °C
NGB131UWW-72	SOLIDaccuTest™ DNA Target Enrichment Kit	8 runs (up to 96 tests)	-20 °C
NGB132UWW	SOLIDaccuTest™ RNA		
NGB132UWW-71	SOLIDaccuTest™ RNA Library Preparation Kit	96 tests	-20 °C
NGB132UWW-72	SOLIDaccuTest™ RNA Target Enrichment Kit	8 runs (up to 96 tests)	-20 °C
NGB312VWW	NGeneAnalySys™ v.1.3 (Software for both germline and somatic analysis)		

This product is for research use only

All products of NGeneBio Co., Ltd. are manufactured under a strict quality control process. NGeneBio Co., Ltd. warrants the quality of the product during the warranty period (marked on the product).

NGeneBio

Office 1010, Hanhwa Bizmetro, 242, Digital-ro, Guro-gu, Seoul, Korea

E-mail support.technology@ngenebio.com

www.ngenebio.com