

Design for you

MGISP-100 Compatible Kits

Automated Sample Preparation System



Flexible Customization

- Easy to use, automated 90% steps, eliminate operators from repetitive processing procedures.



Easy to Operate

- Compact design, integrated liquid handling, automated magnetic frame and PCR machine into less than 0.5m³.



Varied Applications

- Integrated UV lamp and HEPA system, verified most MGI library preparation kit.



Safe & Stable

- Support customized development according to different needs and applications



Product Function

Nucleic Acid Extraction

Enzymatic Reaction

Size Selection

DNB Making



Magnetic Beads Purification

PCR

Target Capture

Compatible Kits List of MGI

Kit Name	Item No.
MGIEasy FS DNA Library Prep Set	1000006987
MGIEasy Exome FS Library Prep set	1000009658
MGIEasy Exome V4 Universal Library Prep Set	1000008400
MGIEasy Circularization Kit	1000005259
MGICare BRCA1/2 Sequencing Library Preparation Kit	1000009522
MGIEasy RNA Library Prep Set	1000006383
MGICare Chromosome Copy Number Variation Sequencing Library Prep Set*	1000005290
MGIEasy Universal DNA Library Prep Set	1000006985
MGIEasy FS PCR-Free Library Prep Set	1000013454
MGIEasy cfDNA library prep set*	1000007037
MGIEasy Small RNA Library Prep Kit	1000005269
MGIEasy RNA Directional Library Prep Set	1000006385
MGIEasy Universal Library Conversion Kit (App-A)*	1000004155
MGIEasy RNA Library Rapid Prep Set	1000020509
MGIEasy Magnetic Beads Virus DNA/RNA Extraction Kit*	1000020261
MGIEasy Magnetic Beads Genomic DNA Extraction Kit	1000010524
MGIEasy PCR-Free Library Prep Set	1000013452
MGIEasy Nucleic Acid Extraction Kit*	1000020471
MGIEasy Low Input DNA Library Prep™*	1000017786
MGIEasy Signature Identification Library Prep Kit*	1000020866
ATOPlex RNA Universal Library Prep Module*	1000021624
Sample Collection and Release Reagent with PCRsetup	1000027692
ATOPlex RNA Multiplex PCR-based Library Preparation Set V3.1*	940-000132-00
MGIEasy Respiratory Microorganisms Genome Amplification Kit	940-000059-00

* The asterisked kits have test data

Compatible Kits List of Third-party

Kit Brand	Kit Name	Item No.
Agilent Tech	SureSelect Target Enrichment for the Illumina Platform	5190-7333/7335
	SureSelect Target Enrichment System Library*	/
Agilent+MGI	SureSelect XT HS2 Target Enrichment for MGI*	5191-6873/1000009658
illumina Nextera	MGISP-100 Illumina Nextera™ DNA Flex Library Prep*	1000000025416
	Illumina Nextera XT DNA Library Prep*	/
KAPA	KAPA_HyperCap_Workflow	09 075 810 001 24
NEBNEXT	NEBNext® Poly(A) mRNA Magnetic Isolation Module	E7490S/L
Paragon	CleanPlex for MGI SARS-CoV-2 Research and Surveillance Panel	918001/918002/918003
Pillar Biosciences	ONCO HS309 Panel for BGI*	BSA-PC2-24
	Pillar ONCO CF131 Panel for BGI*	SP5007
	Pillar ONCO LF Panel for BGI*	SP0120
	Pillar ONCO HS309 Panel for BGI*	SP5004
Invitrogen	Dynabeads mRNA Purification Kit	61006
10X	Chromium Next GEM Single Cell 3' Reagent Kits(8 Samples)	PN-1000121/PN-1000128
SOPHiA	SOPHiA DNA Library Prep Kit II	/
Twist	Twist Fast Hybridization Target Enrichment*	101278/101174/101175
	Twist Library Preparation EF Kit	101059/101058
Magic-bio	MagicSeq Tn5 DNA Library Prep Kit for Illumina	M311
Vazyme	VAHTS Universal Plus DNA Library Prep Kit for MGI(NDM617)	NDM617 02
YEASEN	Hieff NGS Ultima DNA Library Prep Kit for Illumina	/
	Hieff NGS OnePot II DNA Library Prep Kit for MGI	/

* The asterisked kits have test data