

VAHTS® DNA Adapters set8 for MGI

NM108

Version 21.1



Product Description

VAHTS DNA Adapters set8 for MGI is a specialized kit for MGI high-throughput sequencing platform. It is suitable for preparing multi-sample DNA libraries for MGI high-throughput sequencing platform. This kit contains 96 different types of index adapters. All the adapters provided in the kit have undergone rigorous quality control and functional testing to ensure the optimal stability and repeatability of library preparation.

Components

Component	NM108-01	NM108-02
DNA Adapter	10 µl each	40 µl each

▲ DNA Adapter component information is shown in the following table.

NM108 components

	1	2	3	4	5	6	7	8	9	10	11	12
A	01	41	57	65	73	81	89	97	121	25	33	49
B	02	42	58	66	74	82	90	98	122	26	34	50
C	03	43	59	67	75	83	91	99	123	117	35	51
D	04	44	60	68	76	84	92	100	124	28	36	52
E	13	45	61	69	77	85	93	101	125	29	37	53
F	14	46	62	70	78	86	94	102	126	30	38	116
G	15	47	63	71	79	87	95	103	127	114	39	55
H	16	48	64	72	80	88	96	104	128	32	115	56

* It is recommended to use adapters in the NM108-01/02 kit in boxes of the same color.

Storage

Store at -30 to -15°C and transport at ≤0°C.

Applications

Specialized adapter kit for VAHTS Universal DNA Library Prep Kit for MGI (Vazyme #NDM607), VAHTS Universal Plus DNA Library Prep Kit for MGI (Vazyme #NDM617) and VAHTS Universal Pro DNA Library Prep Kit for MGI (Vazyme #NDM608).

Quality Control

16 h incubation test: 50 µl of reaction system contains 5 µl of the product and 1 µg of *HindIII*-λDNA. Incubate at 37°C for 16 h and the bands show no degradation.

Endonuclease residue detection: 50 µl of reaction system contains 5 µl of the product and 1 µg of φX174 RF I DNA. Incubate at 37°C for 4 h. RF II conversion rate is less than 10%.

Adapter concentration test: Measure the absorbance of adapters at A260 nm. The difference between the measured result and the calculated value is less than 10%.

