


xCapSeq™ Universal Blocker for MGI-SI

Component

CatLog: HC008 Specification: 12 rxns /96 rxns

Component	12 rxns(HC008-012)	96 rxns(HC008-096)	Storage
 xCap Universal Blocker	24 µL	192 µL	-30 ~-15 °C

Storage and Delivery

-30 ~-15 °C storage; ≤0°C delivery.

Introduction

This product is suitable for single- or dual 6 ~ 10 bp Index Truseq adaptor, proprietary blockers for dual-and single-index adapters, to reduce non-specific adapter interaction during probe hybridization and increase on-target capture performance.

Scope of application

Dual and single 6~10 bp index Truseq adaptor DNA library.

Notice

1. Before each use of this product, please remove the reagent from -30 ~ -15°C, thaw on ice, shake and mix, and centrifuge.
2. This product is only suitable for MGI-SI sequencing platform Truseq adaptor, please do not use for other sequencing platform adaptor .

Experiment

1. Dissolve xCap Universal Blocker naturally on ice and mix thoroughly before use.
2. Add each reagent to a 1.5 mL centrifuge tube as shown in the table below.

Component	INPUT
DNA INPUT /Library	500 ng
Human Cot I DNA	5 µg / 5 µL
● xCap Universal Blocker	2 µL

! Notice: The Hyb&Washing Step is recommend xCapSeq™ DNA

Hyb&Washing buffer Kit (Cat.No. HC001)

1. Centrifuge the reagent from the wall of the tube to the bottom of the tube, vortex and shake to mix for 30 sec, centrifuge instantly, and collect all components to the bottom of the tube.
2. Use a disposable needle to poke 3 to 5 holes in the cap of the tube, place the centrifuge tube in a vacuum rotary evaporator and vacuum dry at 55°C to evaporate the reaction solution.

! Notice : Do not over-dry, resulting in decreasing of capture rate .