



REAL-Prep™ UMI Adapter & UDI Primer 289-384 (for Illumina)

UMI Adapter & UDI Primers are used to detect samples with low-frequency mutations. Unique molecular identifiers (UMIs) are a type of molecular barcoding that tag each molecule in the library, which can reduce the false-positive rate and increase the sensitivity of mutation detection. REAL-Prep™ UMI Adapter & UDI Primers offers 64 different 6-bp UMI adapters with edit distance not less than 3, which is enough to distinguish between original molecules and correct the errors during sequencing.

High accuracy: 99.9% background noise filtered out by UMI correction

High sensitivity of detection: sensitivity and stable mutation detection of cfDNA samples with mutation rates as low as 0.02%

Reliable UMIs: Special non-random UMI design strategy with edit distance not less than 3

Low index cross-contamination rate: Unique Dual Index (UDI) primers included to filter the hopped reads.

Catalog No.	518189
Size	
Product Category	Next-Generation Sequencing
Pack Size	96 x 1 rxn
Storage/Stability	-20° C/ 6 months
Shipping	Gel Packs