Rapid DNA Assembly Mix (Gibson Assembly)

Rapid DNA Assembly Mix is a seamless assembly method, specifically designed for single-fragment DNA assembly in 5 minutes with a positive rate of over 95%. It does not require digestion, ligation or end repair therefore it offers an easy, fast and efficient DNA cloning technique.

Meanwhile, it does not rely on ligation and the repair system of E. coli, thus ensuring higher fidelity and compatibility with the unpurified PCR products.

This method has been used to assemble different sizes of DNA fragments with varied overlaps (15~30bp).

Applications: Rapid cloning; Single-fragment DNA assembly; Site-directed mutagenesis

Catalog No.	514002
Size	50 rxns
Product Category	Cloning / Ligation
Storage/Stability	-20°C/1 year
Shipping	Gel Packs