

# SYNTHBIOTICS

ENHANCE LABORATORY EFFICIENCY BY  
USING THE BEST MOLECULAR BIOLOGY  
ENZYMES AVAILABLE

MOLECULAR BIOLOGY | ENZYMES | SYNPHUSION MM



## SYNTHBIOTICS ENZYMES

- Shorter reaction times
- Room temperature storage
- Cover the most commonly used molecular biology enzymes, such as high fidelity and strand displacement DNA polymerase and reverse transcriptase

SynPhusion DNA polymerase is a high efficiency DNA polymerase that possesses 50x higher fidelity than the traditionally used Taq polymerase.

The polymerase is highly recommended for GC rich sequences, long templates (up to 20 kb), high-throughput PCRs, NGS library generation, mutagenesis and other cloning methods where high fidelity is a must.

The SynPhusion Master Mix offers an easy and convenient solution for PCR by shortening preparation time since it contains many important component of the PCR: buffer, enzyme, dNTP, all in one tube. Product selection includes a standalone enzyme or also a master mix, with the option of including gold dye for direct loading of PCR products on gels.

Contact **Sep Sci** for more information.

**Separation Scientific**

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