

FastGene[®] Direct PCR Kit

DNA Release Reagent and HotStart Ready Mix in one kit



The FastGene Direct PCR Kit is the optimal combination of two reagents:

- 1) DNAreleasy Advance Lysis Reagent
- 2) HotStart Ready Mix from Kapa Biosystems

The FastGene[®] Direct PCR Kit offers:

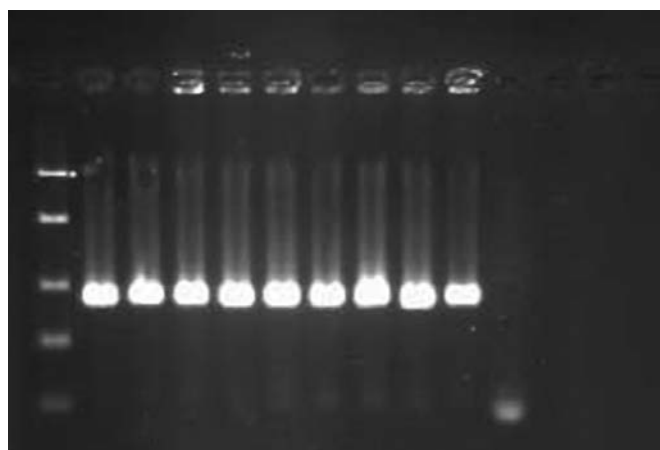
- Ultrafast lysis procedure (15 minutes, no hands on time) of genomic DNA from a variety of sample materials
- DNA can be used directly in PCR experiments or stored at -20°C for several months
- Robust performance across a wide range of GC- and AT-rich templates because of the Kapa 2G Robust HS Ready Mix
- Consolidated PCR protocols and reaction conditions with a single enzyme
- Improved tolerance to common PCR inhibitors for crude samples and/or DNA extractions
- Three novel buffers and a proprietary PCR enhancer offer extended optimization options for the most difficult templates
- Time and cost saving procedure

DNAreleasy Advance is a complex solution which releases DNA from cells and tissues.

The second-generation KAPA2G Robust DNA Polymerase was evolved to achieve consistent amplification across a broad range of amplicon types (both GC and AT-rich). The versatility and robustness of the polymerase allows for consolidation of PCR cycling protocols and reaction conditions while increasing success rates.

The high performance of the KAPA2G Robust DNA Polymerase eliminates the need for multiple enzymes and protocols, simply standardize your PCRs with a single enzyme solution.

Isolation of Genomic DNA from various plant species



Genomic DNA was released from mussel tissue using DNAreleasy Advance reagent and amplified by PCR. The agarose gel shows high yields of amplified fragments. Image kindly provided by Dr Schubbert, Eurofins Medigenomix GmbH, Ebersberg, Germany

Ordering Information

Product Number	Suppliers Reference	Description	Pack Size
P8-0006	LS07	FastGene [®] Direct PCR Kit	10 preps/20 PCR rxn
P8-0008	LS08	FastGene [®] Direct PCR Kit	50 preps/100 PCR rxn
P8-0010	LS09	FastGene [®] Direct PCR Kit	50 preps/200 PCR rxn
P8-0012	LS10	FastGene [®] Direct PCR Kit	10 preps/100 PCR rxn

Please contact technical support for additional information on any of these products