



The ENZYME Company

Dry Mix SuperHoTTaq (blue stain) (Former: GenePack Tubes)

Cat.-No. : 116001 100 tubes

Dry Mix SuperHoTTaq (blue-stain) kit contains

1. 100 Master Mix tubes (0,2 ml)

Each Master Mix tube contains lyophilized mixture of

- Taq DNA polymerase,
- heat-sensitive Taq DNA polymerase inhibitors,
- dNTPs,
- MgCl₂

all in amounts adjusted for optimal Hot-Start PCR in 25µl volume. The mixture is blue to facilitate visual control of dissolving and mixing.

2. PCR diluent - 1ml

Protocol for PCR with Dry Mix SuperHoTTaq (blue-stain) kit

1. Take the required amount of **Master Mix tubes**, label them according to the plan of your experiment. Always use 1 tube as positive control (template DNA) and one tube as negative control (no template DNA) in all your experiments
2. Add 10 µl of **PCR diluent** in each tube
3. Add 5 µl of primer mix in each tube (recommended concentration - 0.1-0.5µM of each)
4. Add 5 µl of sample (template DNA) in each tube
5. Add 20 µl of **Mineral oil** to each tube (**depends on YOUR cyclers**)
6. Run the PCR in thermocycler as usual. Use the annealing temperature 2-3°C below the temperature optimized for the same pair of primers in routinely used buffer.
7. As soon as thermocycling is finished, load 5-10µl of the mix on the gel. There is no need to add stop-solution or stain in the samples before loading on the gel.

Dry Mix SuperHoTTaq (blue-stain) kit may be transported at room temperature (up to +30°C). May be stored at room temperature

For research use only

Catalog #	Tubes	Pack size
116001	0,2 ml	1 kit (100 tubes)
116002	0,2 ml	5 kit (500 tubes)

BIORON

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