

SuperRun (Lyophilized) PCR Mix & RT-PCR Mix

SuperRun PCR Mix & RT-PCR Mix are based on reliable ProTaq DNA Polymerase which has been marketed for more than 10 years. Sensitivity of this *Taq* is tested to amplify DNA as low as 1pg. (Tested by successfully amplified 1kb fragment from lambda DNA)

SuperRun PCR Mix & RT-PCR Mix are high performance products with excellent features: ready-to-use, aliquoted into different PCR consumables (0.2mL tubes, 8-strip tubes and 96-well plates) and lyophilized to make them more stable during storage and shipping. 5x master Mix form of SuperRun PCR Mix is also available under request.

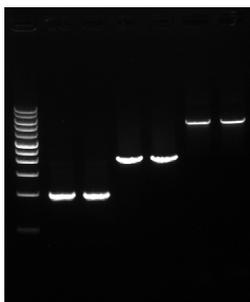


SuperRun PCR Mix contains lyophilized mixture of *Taq* DNA polymerase, reaction buffer, dNTPs, MgCl₂, stabilizers, and blue tracking dyes in each tube. This mixture can amplify up to 5kb specific DNA fragment from lambda DNA. Users only have to add primers, template and water to a final volume of 25 µL to have a complete PCR reaction mix.

SuperRun RT-PCR Mix contains lyophilized mixture of MMLV reverse transcriptase, Hotstart *Taq* DNA polymerase, reaction buffer, dNTPs, MgCl₂, stabilizers, red and yellow tracking dyes in each tube. Users only have to add primers, template and water to a final volume of 20 µL to have a complete RT-PCR reaction mix. After PCR or RT-PCR program finished, the presence of premixed blue dyes allows users to directly load the reaction mixture onto the agarose gel for DNA electrophoresis.

Order Information & Testing Result

| Product Name | Catalog Number | Package |
|----------------------------------|----------------|------------------------------|
| SuperRun PCR Mix | PT-TMM-RTU | 96 * PCR tubes (Lyophilized) |
| | PT-TMM-8RTU | 12 * 8-strips (Lyophilized) |
| | PT-TMM-528 | 10 * 200uL (5 X Master Mix) |
| SuperRun RT-PCR Mix | PT-RP100 | 48 * PCR tubes (Lyophilized) |
| | PT-8RP100 | 6 * 8-strips (Lyophilized) |
| AqLadder Bio-1kb Mass DNA ladder | PT-M5-1kb | 500 µL (100 reactions) |
| AqLadder Bio-100 Mass DNA ladder | PT-M1-100 | 250 µL (50 reactions) |
| AqLadder Bio-25bp DNA ladder | PT-M1-25 | 500 µL (100 reactions) |



Lane1 : Bio 1kb Marker
Lane2&3: 1kb fragment
Lane4&5: 2kb fragment
Lane6&7: 6kb fragment

1kb, 2kb, and 6kb DNA fragments amplified by SuperRun 8-Strip PCR Mix. (1% agarose gel, template is λ DNA)



Lyophilized SuperRun PCR Mix (Blue) & RT-PCR Mix (Orange)

Protech Technology Enterprise Co., Ltd.

Tel +886-2-2655-7677; Fax +886-2-2655-7601

www.bio-protech.com.tw