



NOVADirect™ Buffer

Cat. No. : BM0630-0050

Package: 50mL

Store all components at room temperature.

Descriptions:

NOVADirect™ Buffer is designed to perform PCR directly from various samples with no prior DNA purification. Samples such as blood, plasma, serum, buccal swabs, saliva, tissue and plant (leaf & seed) are suitable materials. This kit is extremely easy and simple, just mix with the sample and buffer for preparing PCR.

Recommended Protocol

A. Whole Blood

1. Collect blood into tubes containing anticoagulant.
2. Transfer 10~50µl of blood to 1.5ml micro tube.
3. Add 100µl of NOVADirect™ Buffer and mix by vortex 3 sec.
4. Store at R/T for 1~10 min.
5. Use 1~5µl of supernatant directly to PCR reaction.

B. Serum / Plasma

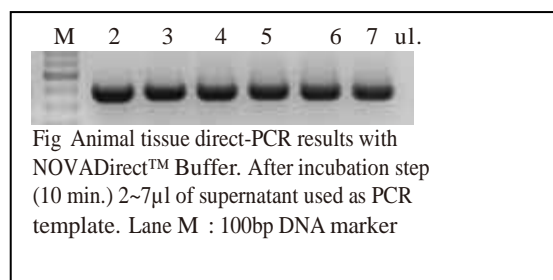
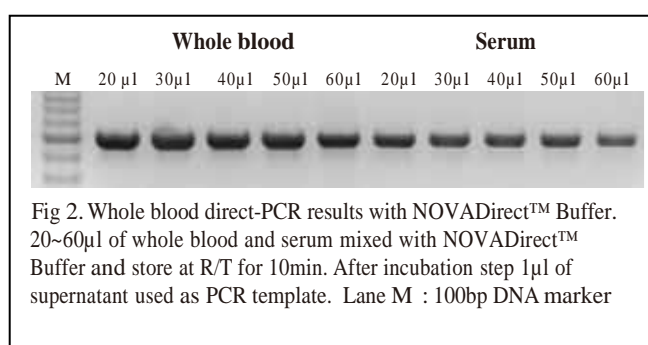
1. Transfer 10~50µl of Serum (or Plasma) to 1.5ml micro tube.
2. Add 100µl of NOVADirect™ Buffer and mix by vortex 3 sec.
3. Store at R/T for 1~10 min.
4. Use 1~5µl of supernatant directly to PCR reaction.

C. Dried Blood

1. Collect the blood sample onto a collection card or filter paper and allow drying completely.
2. Punch a disk (preferably 1.2mm diameter) or cut the filter paper into 1x1mm squares and place into a 1.5ml micro tube.
3. Add 100µl of NOVADirect™ Buffer and mix by vortex 10 sec.
4. Store at R/T for 1~10 min.
5. Use 1~5µl of supernatant directly to PCR reaction.

D. Animal Tissue / Mouse Tail

1. Place a 1~2mm piece (5 ~10mg) of animal tissue into the 1.5ml micro tube.
2. Add 100µl of NOVADirect™ Buffer and mix by vortex 3 sec.
3. Store at R/T for 1~10 min.
4. Use 1~5µl of supernatant directly to PCR reaction.



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