

GeNei™ AMV RT-PCR Kit

Description: The amplification of RNA requires the conversion of RNA substrate to cDNA. This is achieved using AMV Reverse Transcriptase. The cDNA thus generated acts as the template for subsequent PCR amplification.

Two primers are provided for cDNA synthesis:

1. Random Hexamer that binds at non-specific sites along the mRNA template.
2. Oligo (dT)₁₈ primer that binds at the 3'-end of the poly (A) tail of mRNA.

The kit has all components necessary to generate first strand cDNA and subsequent PCR amplification. Enough materials supplied to perform 20 reactions. We have also included control RNA and suitable primers for 4 control experiments.

Storage: -20°C

Ordering Information:

Product	Size	Cat #
GeNei™ RT-PCR Kit (20 reactions)	1 Pack	105565
GeNei™ RT-PCR Kit (50 reactions)	1 Pack	105566

Application:

- GeNei™ RT-PCR Kit can be effectively used to detect the presence of RNA viruses.
- PCR products generated using this kit can be cloned using standard protocols.

Materials provided:

1. Random Hexamer
 2. Oligo (dT)₁₈ Primer
 3. Human Placental RNase Inhibitor.
 4. 5X RT Buffer.
 5. 30mM dNTP Mix.
 6. AMV - Reverse Transcriptase.
 7. Storage Buffer for Taq DNA Polymerase.
 8. Assay Buffer for Taq DNA Polymerase.
 9. Taq DNA Polymerase (3U/μl)
 10. Total RNA
 11. * G3PDH Forward Primer
 12. * G3PDH Reverse Primer
 13. Nuclease Free Water
 14. Instruction Manual
- (Control RNA and Primers supplied to perform 4 tests)

* Glyceraldehyde-3 Phosphate dehydrogenase

GeNei™ M-MuLV RT-PCR Kit

Description: GeNei™ M-MuLV RT-PCR Kit uses M-MuLV Reverse Transcriptase enzyme for generating cDNA from RNA substrate. The cDNA thus generated acts as the template for subsequent PCR amplification.

Two primers are provided for cDNA synthesis:

1. Random Hexamer that binds at non-specific sites along the mRNA template.
2. Oligo (dT)₁₈ primer that binds at the 3'-end of the poly (A) tail of mRNA.

The kit has all components necessary to generate first strand cDNA and subsequent PCR amplification. Enough materials supplied to perform 20 reactions. We have also included control RNA and suitable primers for 4 control experiments.

Storage: -20°C

Ordering Information:

Product	Size	Cat #
GeNei™ M-MuLV RT-PCR Kit (20 reactions)	1 Pack	105593

Application:

- GeNei™ M-MuLV RT-PCR Kit can be effectively used to detect the presence of RNA viruses.
- PCR products generated using this kit can be cloned using standard protocols.

Materials provided:

1. Random Hexamer
 2. Oligo (dT)₁₈ primer
 3. Human Placental RNase Inhibitor.
 4. 5X M-MuLV RT Buffer.
 5. 30 mM dNTP mix.
 6. M-MuLV - Reverse Transcriptase.
 7. Storage Buffer for Taq DNA Polymerase.
 8. Assay Buffer for Taq DNA Polymerase.
 9. Taq DNA Polymerase (3U/μl)
 10. Total RNA
 11. * G3PDH Forward Primer
 12. * G3PDH Reverse Primer
 13. Nuclease Free Water
 14. Instruction Manual
- (Test RNA and Primers supplied to perform 4 tests)

* Glyceraldehyde-3 Phosphate dehydrogenase