

GeNei™ Long PCR 5kb Ampli Kit

Description: GeNei™ Long PCR 5 kb Ampli kit is ideal for amplifications of long target DNA fragments, upto 5kb, from genomic DNA templates using sequence specific primers. The kit provides all essential reagents to perform 50 individual reactions. Control DNA and sequence specific primers are included to perform 10 control experiments.

- XT-5 PCR system is a unique enzyme mix that combines the powerful 5'-3' polymerase activity of Taq DNA polymerase and the 3'-5' exonuclease mediated proofreading activity of PR polymerase, resulting in high fidelity PCR products.
- Ensures high specificity and high yields of PCR products.
- Highly optimised buffer systems (XT-Polymerase buffers 5A and 5B) guarantee better performance.
- Human genomic DNA with sequence specific primers to amplify 4.8 kb DNA fragment of tPA gene are provided for 10 control experiments.

Ordering Information:

Product	Size	Cat #
GeNei™ Long PCR 5 kb Ampli Kit (50 reactions)	1 Pack	105594

Application:

- Useful for higher yields of amplified product (upto 5kb) with improved fidelity.
- For amplification of full length cDNA.

Storage: -20°C

Materials provided:

1. XT-5 PCR system includes (a) XT-5 Polymerase and (b) XT-Polymerase buffers 5A and 5B.
2. 30mM dNTP Mix
3. Mineral Oil
4. Control DNA with sequence specific primers to perform 10 control experiments.
5. DNA Marker
6. Instruction Manual