

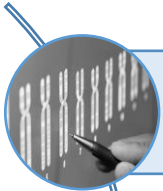
Terminal Repeat Fragmentation



Life Length, the world leader in telomere measurement and diagnostics, offers corporate clients a range of customized services to support R&D product development and in clinical studies.

TRF is a technology that assesses **telomere length from purified DNA** of biological samples. This technique reports absolute telomere length using southern blot analysis of fragmented genomic DNA. **Average telomere length is calculated using reference DNA size markers.** This technique allows telomere length determination when only DNA is available.

Technology Value



Accurate and reproducible

- Robust, standardized results in up to 12 samples simultaneously



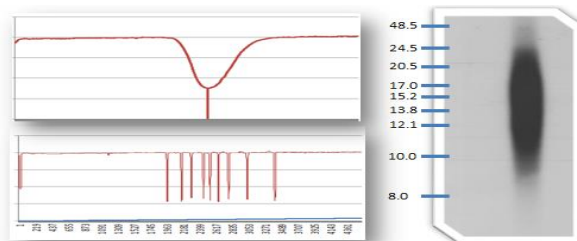
Versatile

- Performed on isolated DNA of any biological sample
- *In vitro*, pre-clinical and clinical trial studies



Resourcefulness

- Sometimes biological material is limited. We have adapted TRF to industry standards to be able to offer telomere length determination when only DNA is available



Densitometry analysis (right) from southern blot exposure (left) expressed in kb.