





Sample Requirements

| Technology |  TAT® - Telomere Analysis Technology |  Q-TRAP – Quantitative Telomeric Repeat Amplification Protocol |  qPCR – Quantitative Polymerase Chain Reaction |  TRF – Terminal Repeat Fragmentation |
|-----------------------|--|--|---|---|
| Measurements provided | Multiple Telomere Length Variables | Telomerase Activity | Mean Telomere Length | Mean Telomere Length |
| Sample requirements | <ul style="list-style-type: none"> • Any cell type: Single cell suspension (10% DMSO & 90% FBS). Suggested 2 million with an absolute minimum of 5×10^5 cells per sample • Fresh blood: 10mL fresh blood (within 48 hours) • Tissue: Please contact us for more information | <ul style="list-style-type: none"> • Any cell type: Single cell suspension (10% DMSO & 90% FBS). Suggested 2 million with an absolute minimum of 5×10^5 cells per sample • Fresh blood: 10mL fresh blood (within 48 hours) | <ul style="list-style-type: none"> • Isolated DNA (minimum concentration 5 ng/μl) • Any type cellular sample or tissue | <ul style="list-style-type: none"> • Cellular pellets: 5 million – 20 million cells • Isolated DNA: 15 μg (for triplicate) |
| Storage and Shipping | <p>Cellular and DNA samples should be kept frozen in -80°C or in liquid nitrogen for longer storage. Shipping should be on dry-ice or in a liquid nitrogen tank. For fresh blood and tissue samples please consult us for shipping details.</p> | | | |