

Only use the correct consumables with the TapeStation

Required tips and tubes for ScreenTape R6K	<ul style="list-style-type: none"> • ScreenTape tube strips: ST221 • ScreenTape tips : ST304 (384 tips), ST301 (3,840 tips) • Incorrect consumables will damage TapeStation
---	---

Handling R6K Reagents

Steps before use on the TapeStation	<ul style="list-style-type: none"> • Equilibrate each vial to room temperature. • Vortex mix each vial and briefly spin.
Steps during sample preparation	<ul style="list-style-type: none"> • Keep R6K reagents at room temperature during sample preparation. • Keep all samples on ice between steps.
Storage after use on the TapeStation	<ul style="list-style-type: none"> • Store all R6K reagent vials at 2 to 8°C • Never store R6K reagents at room temperature.

Handling ScreenTape R6K

After use on the TapeStation	<ul style="list-style-type: none"> • ScreenTape R6K should be stored at 2 to 8°C. • If you run less than 16 lanes, store used tape upright at 2 to 8°C. • Never freeze ScreenTape R6K - any ScreenTape that is accidentally frozen should be discarded.
-------------------------------------	--

Guidelines for sample preparation: ① Pipette ② Mix ③ Heat ④ Spin

① Pipette carefully	<ul style="list-style-type: none"> • Always pipette reagents against the side of the sample tube. • If using a standard pipette ensure that no residual material is left on the outside of the tip.
② Mix properly after each pipetting step	<ul style="list-style-type: none"> • Mix = Vortex the PCR tubes on half-speed for 2-3 seconds by touching the vortex mixer with the strip. • Spin = Get the samples to the bottom of tubes by pulsing in a mini-centrifuge.
③ Heat reactions optimally	<ul style="list-style-type: none"> • Please accurately calibrate the hot block or PCR machine used to heat samples to 72°C during staining and denaturing.
④ Spin after heating	<ul style="list-style-type: none"> • After each heating step, spin samples down by pulsing in a mini-centrifuge to remove any condensed material from lid.