

Datasheet for ABIN5519560

TransStart® Tip Green qPCR SuperMix

Overview

Quantity:	1 mL
Application:	Quantitative real-time PCR (qPCR)

Product Details

Purpose:	A ready-to-use qPCR cocktail with unique hot start reagents
Brand:	TransStart®
Specificity:	<p>A combination of chemical blocking technique with TransStart® hot start technique to achieve complete blocking. Compared with double blocking TransStart® TopTaq, this method provides higher sensitivity, higher specificity, better amplification.</p> <p>Double cation (K⁺, NH₄⁺) buffer enhances specificity and reduces primer-dimer formation.</p> <p>Passive reference dyes are provided for different qPCR instruments.</p>
Characteristics:	<p>TransStart® Tip Green qPCR SuperMix is a ready-to-use qPCR cocktail. It contains a novel TransStart® TipTaq DNA Polymerase , unique hot start reagents (DNA binding proteins combined with unique chemical), optimized double cation buffer, SYBR Green I, dNTPs, PCR Enhancerm and PCR stabilizer. qPCR SuperMix is provided at 2x concentration and can be used at 1x concentration by adding template, primer, passive reference dye (optional) and ddH₂O.</p>

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Storage:	-20 °C
Storage Comment:	at -20°C for two years
Expiry Date:	24 months

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Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)