

Product Datasheet

SCRIPT Direct RT-qPCR ProbesMaster highROX (orb1733650)

Catalog Number	orb1733650
Category	Small Molecules
Description	<p>SCRIPT Direct RT-qPCR ProbesMaster highROX is designed for quantitative real-time analysis of target RNA directly from animal-or plant tissue, swabs and blood. The mix allows robust amplification avoiding the requirement of any prior RNA purification procedures. The mix is recommended for use with dual-labeled fluorescent probes, e.g. TaqMan, Molecular Beacon or Scorpion probes. It provides a powerful tool for multiplex-quantification of sample RNA in a broad dynamic range with exceptional sensitivity and precision. The mix contains all reagents required for RT-qPCR (except template, primer and labeled fluorescent probe) in a premixed 2x concentrated ready-to-use solution. High robustness, reliability and sensitivity of the mix are based on a genetically engineered reverse transcriptase and an antibody-blocked hot start polymerase in combination with an optimized and well-balanced buffer system. The mix ensures fast and easy preparation with a minimum of pipetting steps and is specially recommended for: Direct amplification of target RNA from various tissues samples; Direct detection of viral or bacterial RNA in nasal or throat swabs; Direct PCR from blood samples; Point-of-Care diagnostics.</p>
Form/Appearance	liquid
Concentration	2x
Storage	store at -20 °C. avoid freeze/thaw cycles. stable at 4 °C for up to 4 weeks
Note	For research use only
Expiration Date	12 months from date of receipt.

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