

Gene Expression Analysis & Pathogen Detection

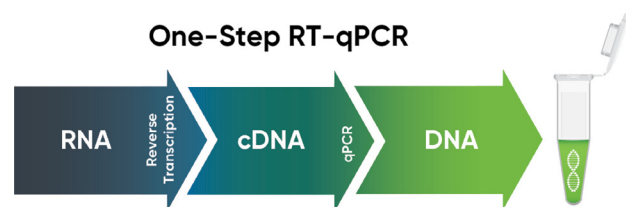
RNA to qPCR in one tube in one step

Enhanced performance and sensitivity

Simplified workflow and fast results

Unmatched multiplexing performance

Compatible with all real time cyclers



The qMAX™ Probe One-Step RT-qPCR Kit allows for highly sensitive real time RT-qPCR assays to be performed directly from RNA templates.

The optimized buffer includes a powerful RNase inhibitor and an extremely thermostable MMLV-derived reverse transcriptase for robust first strand cDNA synthesis. Accuris Hot Start Taq Polymerase employs rapid antibody-mediated hot-start activation, which allows for reaction preparation at room temperature.

The kit can be used to quantify a specific target RNA from either total RNA or mRNA while reducing the number of pipetting steps due to the one tube formulation.

The qMAX™ Probe One-Step RT-qPCR Kit requires little, if any, optimization. It delivers early quantification cycle values (Ct) and broad range detection for high sensitivity, speed, reliability and reproducibility with a processive enzyme chemistry, providing unmatched performance in multiplexing.

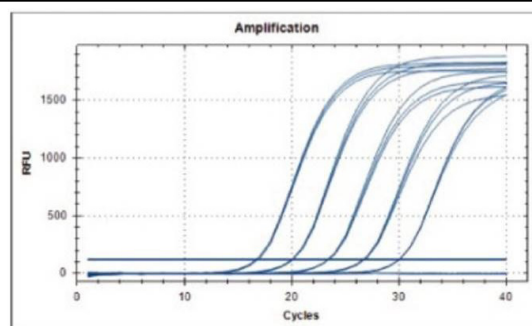


Figure 1. Mouse beta-actin was amplified with qMAX Probe One-Step qPCR Mix using gene specific primers and TaqMan probe. A 10-fold serial dilution of starting quantity of 1 pg of mouse total RNA was performed to demonstrate excellent sensitivity with limited input RNA.

Item no.	Description	Reactions
PR2121-N-100	Accuris qMAX Probe One-Step RT-qPCR Mix, No ROX	100
PR2121-N-500	Accuris qMAX Probe One-Step RT-qPCR Mix, No ROX	500
PR2121-N-1000	Accuris qMAX Probe One-Step RT-qPCR Mix, No ROX	1000
PR2121-L-100	Accuris qMAX Probe One-Step RT-qPCR Mix, Low ROX	100
PR2121-L-500	Accuris qMAX Probe One-Step RT-qPCR Mix, Low ROX	500
PR2121-L-1000	Accuris qMAX Probe One-Step RT-qPCR Mix, Low ROX	1000
PR2121-H-100	Accuris qMAX Probe One-Step RT-qPCR Mix, High ROX	100
PR2121-H-500	Accuris qMAX Probe One-Step RT-qPCR Mix, High ROX	500
PR2121-H-1000	Accuris qMAX Probe One-Step RT-qPCR Mix, High ROX	1000

Accuris also offers a line of cDNA synthesis kits. Please inquire for details.