

QuantiNova® Real-Time Selection Guide

QuantiNova kits represent today's most advanced portfolio of real-time PCR and RT-PCR kits. Choose the best kit for your experiments and always get unsurpassed sensitivity with the novel QuantiNova hot start, built-in controls and ultrafast cycling on any real-time cycler.

| | QuantiNova SYBR Green PCR Kit | QuantiNova Probe PCR Kit | QuantiNova Multiplex PCR Kit | QuantiNova Reverse Transcription Kit | QuantiNova SYBR Green RT-PCR Kit | QuantiNova Probe RT-PCR Kit | QuantiNova Multiplex RT-PCR Kit | QuantiNova Pathogen +IC Kit |
|---|-------------------------------|--------------------------|------------------------------|--------------------------------------|----------------------------------|-----------------------------|---------------------------------|--------------------------------|
| Starting material | cDNA or gDNA | | | | RNA | | | DNA/RNA |
| Use in quantitative RT-PCR | 2-Step | | | cDNA synthesis | 1-Step | | | |
| Detection chemistry | SYBR® Green I | Probes | Probes | | SYBR Green I | Probes | Probes | Probes |
| Multiplexing | | 2-plex | 5-plex | | | 2-plex | 5-plex | 4-plex |
| Internal control provided | | | | | Internal Control RNA | | | IC DNA & RNA and Control Assay |
| Visual pipetting control | • | • | • | | • | • | • | • |
| gDNA Removal | | | | • | | • | | |
| Ultrafast protocols | • | • | • | • | • | • | • | • |
| Room temperature set-up | • | • | • | | • | • | • | • |
| Novel, guard-protected hot start | • | • | • | | • | • | • | • |
| Unique 2-phase hot start: Control of RT and Taq | | | | | • | • | • | • |
| Proprietary buffer: enhanced primer annealing & extension | • | • | • | • | • | • | • | • |
| Master mix: Preoptimized reaction conditions | • | • | • | • | • | • | • | • |