

Product Datasheet

Crystal Hot Start Master (2x) (orb1733714)

Catalog Number orb1733714

Category Tools

Description Crystal Hot Start Master is a 2 x conc. ready-to-use master mix with blocked

polymerase activity at ambient temperature. The master mix is recommended for routine PCR applications, high throughput PCR or genotyping and provides an improved specificity and sensitivity when amplifying low-copy-number targets, working with complex backgrounds or when prolonged room-temperature set-

ups are unavoidable. The thermal activation at the onset of the initial

denaturation prevents the extension of nonspecifically annealed primers and primer-dimer formation at low temperatures during PCR setup. It contains all reagents required for PCR (except template and primer) in a well-balanced ratio to ensure high specificity and minimal by-product formation in almost all PCR

applications without the need of additional optimization steps. The mix

guarantees robust and reliable amplification results with a minimum of pipetting steps, saves time and reduces the risk of contaminations. The total PCR assay volume is freely adaptable to individual protocols or the requirements of

automated pipetting systems.

Form/Appearance liquid

Concentration 2x conc

Storage store at -20 °C. Short term storage (up to 3 month) at 4 °C possible

Note For research use only