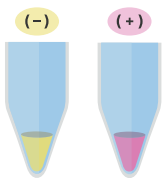
HelixAmp™

Color LAMP Lyo-Cake

HelixAmp™ Color LAMP Lyo-Cake offers rapid detection of target DNA using loop-mediated isothermal amplification (LAMP).

The kit employs a pH-sensitive dye, Neutral Red, to provide visual confirmation of amplification. The lyophilized formulation ensures stability for room-temperature storage and transport.

Each cake contains *Bst* DNA polymerase, Neutral Red dye and excipients. With a suitable LAMP primer set, detection is achieved within 20 to 40 minutes, indicated by a distinct color change.



Distinct Color Change

Immediate visual confirmation of results

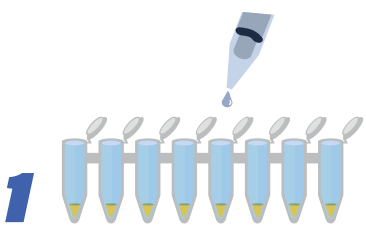
Lyophilized Formulation

Long-term stability at RT with easy storage and transport

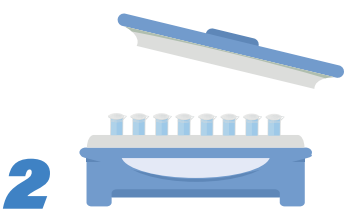
POC-Compatible Solution

Rapid results with minimal equipment

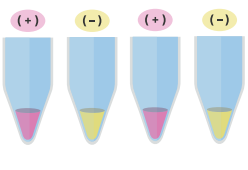
Easy-3-Step Protocol



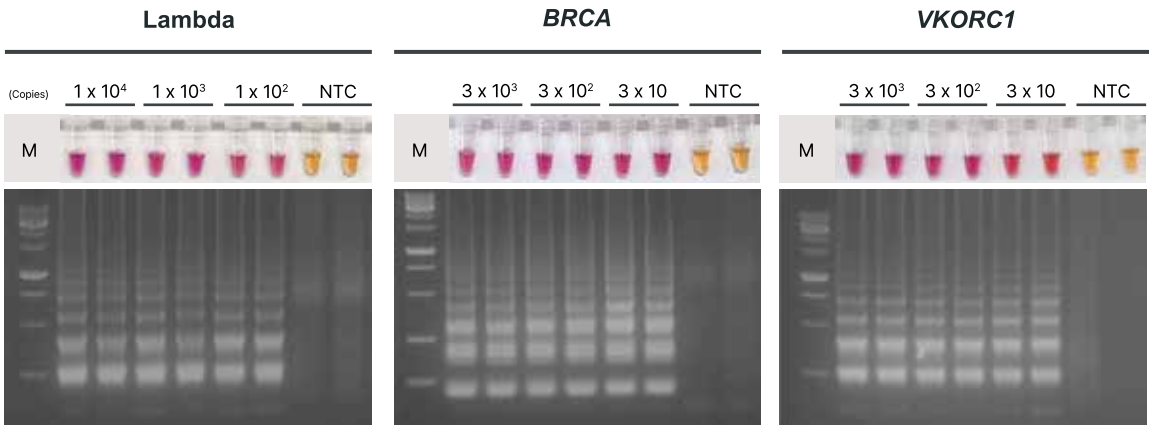
1 Add resuspensiovn solution, template, and primers into Color LAMP Lyo-Cake tube and mix.



2 Incubate at 65°C for 20 – 40 minutes.



3 Check the result by observing the color change.



The **HelixAmp™ Color LAMP Lyo-Cake** assay was tested at 65°C using lambda DNA-specific primers, human *BRCA* gene-specific primers, and human *VKORC1* gene-specific pri mers, with lambda DNA or human genomic DNA as templates. Positive reactions exhibited a distinct color change from yellow to pink, whereas negative reactions remained yellow, indicating no amplification. Agarose gel electrophoresis further validated that only samples exhibiting a color change contained the correctly amplified target sequence.

Ordering Information

Product		Size	Cat. No.
HelixAmp™	Color LAMP Lyo-Cake	96 rxns	LPSLP-C96

NANOHELIX
Reliable Partner for DNA Technologies

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