

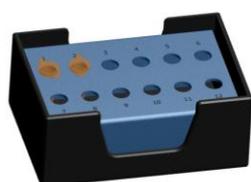
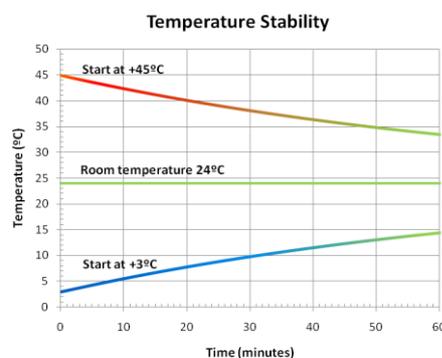
Dark box system, for sample and reagent incubation during viability PCR process

During all the steps previous to DNA neutralization by the means of photo-activation it is necessary to protect the reaction solution from light, in order to avoid collateral reactions and reagent loss. Additionally, according to reagent nature, microorganisms and sample types, it is also very important to ensure temperature stability during the incubation time. With the appropriate temperature the reagent diffusion through cell we obtain: the membrane of dead microorganism could be optimized and minimizing the reagents access to live microorganism.

The dark box system combines these characteristics and is therefore the best solution for handling your samples during viability PCR process.



Black cover

Isothermal
Tube RackBlack cover with
sampler holder

Dark Box System: isothermal tube rack and black cover

The tube rack can be placed into a fridge or a microbiological incubator to reach the appropriate temperature (i.e. 3°C or 45°C).

Temperature Stability

At room temperature the system will maintain the temperature with a maximum drift of 0.35°C/min (for a difference of 25°C with respect to room temperature).

Light Protection

The tube rack and the cover will protect the sample from light during all the process.

Flexibility

All items are sold separately. You can work with the tube rack and black cover in order to maximize thermal stability and light protection. You can also use the black cover as simply alternative for sample handling and light protection.

All the system is fully compatible with PhAST platform.

Description

Isothermal tube rack	Cat. No. 900011289
Black cover	Cat. No. 900011730
Dark Box System Complete (Isothermal tube rack + Black cover)	Cat. No. 90001200

Optional Accessories

Pack of 6 Blue color Holders	Cat. No. 90001100
Pack of 6 Red color Holders	Cat. No. 90001101
Pack of 6 Gold color Holders	Cat. No. 90001102
Pack of 2 Blue, 2 Red, 2 Gold H.	Cat. No. 90001103