

on-deck cooling mosquito[®] genomics dragonfly[®] discovery

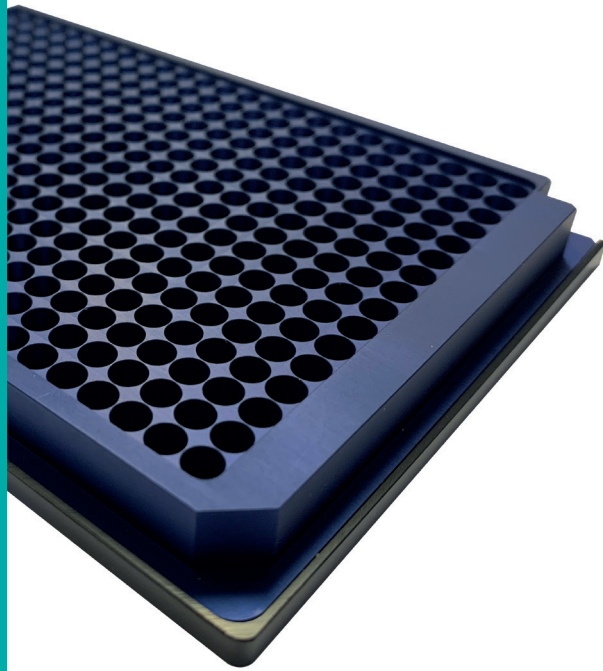
- passive cooling block with high heat capacity
- helps protect the integrity of sensitive samples and reagents
- common applications in molecular biology and genomics

The cooling block helps protect the integrity of sensitive samples and reagents during reaction set-up. The block has been designed to fit on the mosquito deck and to provide a high heat capacity, so that the plates remain cool for a longer time. The cooling block is pre-cooled in the -20°C freezer before use. It fits all mosquito models and **dragonfly[®] discovery**.

The block is compatible with 384-well PCR plates. The cooling block adds flexibility to the set-up process and gives more confidence in the results when working with sensitive samples such as single cell or bulk RNA, or with sensitive enzymatic reagents.

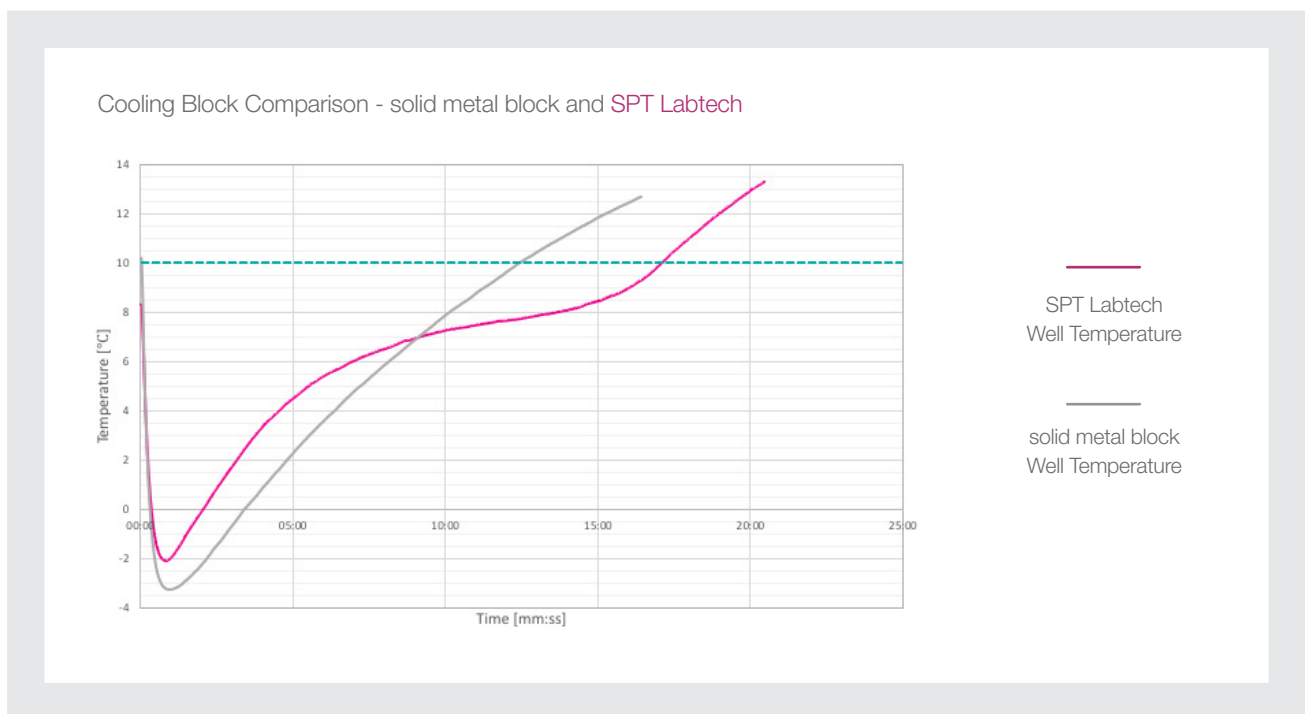


technical specification



- Plate compatibility: 384-well PCR plates; tested with Eppendorf twin.tec and Bio-Rad Hard-Shell plates
- Pre-cooling time (from 20°C): 2h at -20°C
- Cooling capacity: keeps liquid in plate wells at <10°C for at least 15 min*

Temperature in wells over time



	SPT Labtech	Commercial low-profile cooling block (solid metal)
Sub 10°C Well Temperature	16 minutes	12 minutes
Lowest Well Temperature	-2°C	-4°C

* 20 µL of PBS in 384-well Eppendorf twin.tec plate with block located on a mosquito deck