

► Compatibility guidance

Please, verify the table and **check the specifications of your equipment before running the RT-PCR**. If the equipment does not appear in the list below, contact your supplier.

Whenever the equipment reads the fluorescence from above (optical caps), the use of white strips is recommended.

Low Profile Cyclers (0,1ml)		
Manufacturer	Model	
Agilent Technologies	AriaMx/AriaDx Real-Time PCR System ⁽⁸⁾	
	7500 Fast / 7500 Fast Dx Real-Time PCR System ⁽¹⁾⁽⁶⁾	
	QuantStudio™ 12K Flex 96-well Fast	
	QuantStudio™ 6 Flex 96-well Fast	
	QuantStudio™ 7 Flex 96-well Fast	
	Applied Biosystems	QuantStudio™ 3 Fast Real-Time PCR System
		QuantStudio™ 5 Fast / QuantStudio™ 5 Real-Time PCR System
		StepOne Plus™ Real-Time PCR System ⁽²⁾
		StepOne™ ^{(2), (3)}
ViiA™ 7 Fast		
Azure Biosystems	Azure Cielo 3 ⁽⁴⁾	
	Azure Cielo 6	
BIONEER	Exicycler™ 96 Fast	
Bio-Rad	CFX96TM / CFX96TM IVD Real-Time PCR Detection System	
	Mini Opticon™ Real-Time PCR Detection System ⁽⁴⁾	
Roche	CFX Opus 96	
	LightCycler® 480 Real-Time PCR System ^{(6) (7)}	
	LightCycler® 96 Real-Time PCR System	
	Cobas z480 Analyzer ⁽⁶⁾⁽⁷⁾	

Special Formats ⁽⁵⁾	
Manufacturer	Model
Bio Molecular Systems	Mic Real Time PCR Cyclers
Cepheid	SmartCycler®
Qiagen	Rotor-Gene® Q

High Profile Cyclers (0,2ml)		
Manufacturer	Model	
Abbott	Abbott m2000 ⁽⁶⁾	
Agilent	Mx3000P™ / Mx 3005P™	
Analytik Jena	qTower ⁽⁷⁾	
	7300 ^{(3) (6)}	
	7500 ⁽⁶⁾	
	7900 HT ⁽²⁾	
	ABI PRISM 7000 ⁽²⁾	
	ABI PRISM 7700 ⁽²⁾	
	Applied Biosystems	QuantStudio™ 12K Flex 96-well
		QuantStudio™ 6 Flex 96-well
		QuantStudio™ 7 Flex 96-well
		QuantStudio™ 3 Real-Time PCR System
	QuantStudio™ 5 Fast / QuantStudio™ 5 Real-Time PCR System	
	ViiA™ 7 Real-Time PCR System	
BIOER	QuantGene 9600	
BIONEER	Exicycler™ 96 Fast	
	CFX96TM Deep Well / CFX96TM Deep Well IVD	
	iCycler iQ™ Real-Time PCR Detection System	
Bio-Rad	iCycler iQ™5 Real-Time PCR Detection System	
	My iQ™ Real-Time PCR Detection System ⁽⁴⁾	
	My iQ™2 Real-Time PCR Detection System ⁽⁴⁾	
DNA-Technology	DTprime	
	DTlite	
Eppendorf	Mastercycler™ ep realplex	
Qiagen	QIAquant 96 ⁽⁷⁾	
VIASURE	V-Lab96	

(1) Select Ramp Speed "Standard" in New Experiment/Advanced Set-up/Experiment Properties. When using the Applied Biosystems 7500 Fast with strips it is recommended to place a plate holder to reduce the risk of crushed wells (Ref. PN 4388506).

(2) No Cy5 caption.

(3) No ROX caption.

(4) Only FAM and HEX caption.

(5) The product must be reconstituted following the appropriate procedure (see Test procedure) and transferred to the specific tubes for Mic, SmartCycler®, Rotor-Gene® Q.

(6) A special grid is needed to fit these real-time PCR kits.

(7) Specific compensation color is required.

(8) Possible saturation if the fluorescence level of the channel is high.