

RT-qPCR en dos pasos en un solo paso

One-step RT-(q)PCR

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	Nr of targets per reaction	GC-rich templates	dUTP	Passive reference dye	Compatible cyclers	Incompatible probe reporter dyes
Probe-based detection	SOLIScript® 1-step Probe Kit	1-2	*	ROX	All cyclers	ROX JUN Texas Red
	SOLIScript® 1-step Multiplex Probe Kit	1-4	***	None	All cyclers except Applied BioSystems™ and Agilent	
	SOLIScript® 1-step Multiplex Probe Kit (ROX)	1-4	***	None	Applied BioSystems™ and Agilent cyclers	ROX JUN Texas Red
	SOLIScript® 1-step Multiplex Probe Kit (Purple)	1-4	***	None	Applied BioSystems™ cyclers with Mustang Purple® channel	Cy5
Dye-based detection	NEW! SOLIScript® 1-step Solis-Green® Kit ^a	1	*	ROX	no ROX and low-ROX cyclers	
Endpoint detection	One-step RT-PCR kit for endpoint detection ^a					

^a These kits are currently in development and will be available soon.

First Strand cDNA synthesis

	Specification	Product format	Reaction temperature	RNase H activity
FIREScript® RT cDNA Synthesis Mix	Excellent enzyme for standard applications	• 3-vial-kit format • 4 priming options ^a	37°C-60°C	Full
FIREScript® RT cDNA Synthesis Kit		• 7-vial-kit format • 4 priming options ^a	37°C-60°C	Full
FIREScript® Kit		• enzyme and reaction buffer only	37°C-60°C	Full
SOLIScript® RT cDNA Synthesis Mix	Superior specificity with complex templates and specific primers	• 3-vial-kit format • gene-specific primers only ^b	37°C-60°C	Reduced
SOLIScript® RT cDNA Synthesis Kit		• 6-vial-kit format • 2 priming options ^c	37°C-60°C	Reduced
SOLIScript® Kit		• enzyme and reaction buffer only	37°C-60°C	Reduced

Flexible cDNA synthesis kit with fast and robust FIREScript® Reverse Transcriptase

Genetically modified MMLV-based reverse transcriptase with increased thermostability and improved performance at elevated temperatures

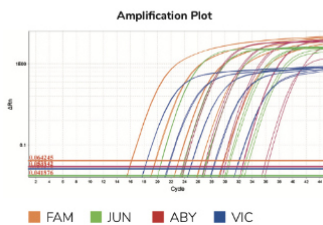
- ✓ high specificity and yield
- ✓ wide reaction temperature from 37°C to 60°C
- ✓ fast 15 min reaction time
- ✓ a flexible 7-vial kit with all reaction components
- ✓ RNase inhibitor and water included
- ✓ reaction set-up and shipment without ice

qPCR and RT-qPCR

- Optimized ready-to-use solutions for real-time PCR including
- ✓ Probe-based qPCR Mixes for standard, fast and ultra fast applications
 - ✓ Dye-based qPCR Mixes with EvaGreen® and SolisGreen® dyes
 - ✓ Time saving one-step RT-qPCR kits for quick RNA analysis

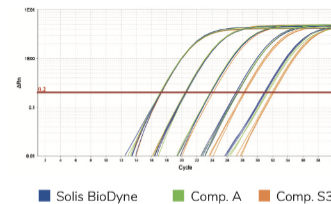
EXCELLENT FOR 4-PLEX ASSAYS

SOLIScript® 1-step Multiplex Probe Kit was used to perform 4-plex one-step RT-qPCR with five tenfold serial dilutions of human total RNA (RNA amount ranges from 4000 pg/µl to 0.4 pg/µl per reaction). Reactions were performed with Applied BioSystems™ QuantStudio™ 6 Flex cycler using Purple dye for normalization.



HIGHLY COMPETITIVE ENZYME

cDNA was synthesized with five tenfold human RNA dilutions using FIREScript® (blue) and cDNA synthesis kits from competitor A (green) and competitor S3 (orange). Downstream qPCR reactions were performed with HOT FIREPol® qPCR Supermix using B2M primers on an Applied BioSystems™ QuantStudio™ 6 Flex.



Protocolo



Reactivos incluidos

- FIREScript® enzyme mix (incl. Ribogrip™ RNase inhibitor)
- 10x Rt Reaction Premix without primers
- 10x Rt Reaction Premix with oligo (dt)
- 10x Rt Reaction Premix with random primers
- 10x Rt Reaction Premix with oligo (dt) and random primers
- Water, nuclease free

Catalogue No	Product	Size	Unit	PVP
06-15-00200	FIREScript RT cDNA synth. Kit, 200 rxn	7 viales	200rxns	541,78 €
06-13-00200	FIREScript RT, 200 rxn	2 vial	200rxns	283,25 €
06-37-00100	SOLIScript RT cDNA synthesis MIX	1 vial	100 rxn	257,50 €
06-37-00500	SOLIScript RT cDNA synthesis MIX	3 vial	500rxn	1.532,13 €
06-22-01000	RIBOGrip, 1 000 U (50 RT rxn)	3 vial	50 rxns	125,53 €