

RNA Control Kit

Description

The RNA Control Kit is intended for use as a positive control to monitor the performance of all RT PCR components. The kit includes 3.6 kb RNA synthesized according to the sequence derived from bacteriophage MS2 and primers designed to generate a 522 bp product.

INFORMATION

Kit Contents

Vial	Pack Size (cap color)
	A
MS2 positive control RNA (50ng/μl)	2 x 20μl (orange)
MS2 Control primer 1 (10μM)	40μl (black)
MS2 Control primer 2 (10μM)	40μl (white)

Storage Conditions

Store at -20°C until ready for use. The RNA Control Kit is stable for a minimum of 12 months. Avoid repeated freeze thawing. Shipped on ice within the UK and on dry ice for international and within the US.

Additional Info

The use of disposable gloves, RNase and DNase free filter tips and plastics is recommended.

Tips before use

Thaw the reagents on ice. Mix and spin down the solutions before use to recover the maximum amount.

Briefly centrifuge to avoid bubbles within the wells. Always include a no template control (NTC) and a no enzyme control (NEC).

PROTOCOL

Use 1µl of MS2 template and 1µl each of MS2 primer 1 & 2 with an annealing temperature of 60°C.

For details please refer to the protocol of the master mix used.

A single product of 522 bp should be generated.

Quality control

RNA Control Kit is tested functionally for use in RT-PCR.

Ordering Information

AB-1456/A	RNA Control Kit	40 rxns
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Related Products

Cat. No.	Description	Quantity
AB-0600	Thermo-Fast™ 96 Non-Skirted, natural *	25 plates
AB-0800	Thermo-Fast™ 96 Skirted, Low Profile, natural *	25 plates
AB-0900	Thermo-Fast™ 96 Semi-Skirted, natural *	25 plates
AB-0745	Easy Peel (heat seal)	100 sheets
AB-0626	Adhesive PCR Foil	100 sheets
AB-0558	Adhesive PCR Film	100 sheets
AB-0386	Strips of 8 Domed Caps	120 strips
AB-0852	Strips of 12 Domed Caps	80 strips
AB-0783	Strips of 8 Flat Caps	120 strips
AB-0850	Strips of 12 Flat Caps	80 strips
AB-1154	Recombinant DNase I	2,000 units

Troubleshooting

For troubleshooting, see www.abgene.com/troubleshoot.asp or contact Thermo Fisher Scientific (ABgene) TechSupport at abgene.techsupport@thermofisher.com

UK TechSupport, call +44 (0) 1372 840 410

For all other regions, please contact your local Thermo Fisher Scientific (ABgene) office / distributor.