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TwistAmp[™] exo Kit

Quick Guide

Part number: INTAEXO Revision 3



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Please see instruction and assay design manuals at twistdx.co.uk for information regarding kit components and storage, assay design, detailed use and multiplexing.

Set-up (single-plex)

1. Prepare reaction mix in 1.5ml tube:

Primer A (10µM)	2.1 µl
Primer B (10µM)	2.1 µl
TwistAmp® exo probe (10µM)	0.6 µl
Primer Free Rehydration buffer	29.5 µl
Template and water to	13.2 µl
(Total volume	47.5 µl)
Vortex and spin briefly.	

- 2. Add reaction mix to a TwistAmp® exo reaction. Pipette to mix.
- Add 2.5 µl of 280mM Magnesium Acetate (MgOAc) (supplied) and mix well to start reaction.

Note: RPA reactions start as soon as MgOAc is added.

 Place reactions in a fluorometer and start run: 39°C, 20 minutes. For low template copy number, remove strip after 4 minutes, vortex and spin briefly, replace in fluorometer.

Note: If tubes are opened after amplification there is a great risk of contamination of work surfaces with amplicon. Ensure that appropriate avoidance measures are taken.

Kit Positive Control Set-up (single-plex)

١.	Prepare reaction mix in 1.5ml tube:	
	Positive control primer mix	8 µl
	Primer Free Rehydration buffer	29.5 µl
	Positive control DNA template	1 µl
	Water	9 µl
	(Total volume	47.5 µl)
	Vortex and spin briefly.	

- 2. Add reaction mix to a TwistAmp® exo reaction. Pipette to mix.
- Add 2.5 µl of 280mM Magnesium Acetate (MgOAc) (supplied) and mix well to start reaction.

Note: RPA reactions start as soon as MgOAc is added.

4. Place reactions in a fluorometer and start run: 40°C, 20 minutes. Remove strip after 4 minutes, vortex and spin briefly, replace in fluorometer.

Note: If tubes are opened after amplification there is a great risk of contamination of work surfaces with amplicon. Ensure that appropriate avoidance measures are taken.

The exo positive control probe is labelled with a fluorescein (FAM) fluorophore, the excitation optimum is at 488nM and the emission maximum is at 520nM.

TwistAmp[™] exo Quick Guide

TwistDX	PMS 185 C	Part Number: INTAEXO
exo Kit QG	Red	Revision 3
Size: 8.268 in x 5.827 in	Black PMS 7541 C Gray 1 - 10%	Date of Revision: 3.2 2019/01