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TwistDx™

Unwind DNA's possibilities

TwistAmp™ exo Kit

Quick Guide

Part number: INTAEXO

Revision 3

TwistDx™

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TwistAmp™ exo Quick Guide

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.
3. 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: 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.

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Kit Positive Control Set-up (single-plex)

1. 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.
3. 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.

TwistDX
exo Kit QG

Size:
8.268 in x 5.827 in



PMS 185 C
Red



Black



PMS 7541 C
Gray 1 - 10%

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