

Notice to purchaser

Absent a written agreement between you and TwistDx Limited to the contrary, the supply of this manual ("Manual") and the product described herein ("Product") is subject to the TwistDx Limited Terms and Conditions of Supply available at <https://www.twistdx.co.uk/terms-of-supply>, including, without limitation, the use restrictions, warranty disclaimer and limitation of liability set forth therein.

Use Restrictions

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

The Products are for non-commercial internal research use only. The Products must not be used for any *in vivo* testing, nor with humans or animals for any clinical diagnostic purposes. See the TwistDx Limited Terms and Conditions of Supply available at <https://www.twistdx.co.uk/terms-of-supply> for additional use restrictions.

No Warranty

TwistDx Limited makes no warranty with respect to the Product and excludes any warranties implied by law to the fullest extent permitted by law. THE PRODUCT IS PROVIDED WITHOUT ANY WARRANTY AS TO RESULTS, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT, AND WITHOUT ANY OTHER REPRESENTATION, WARRANTY OR CONDITION, EXPRESS OR IMPLIED, EXCEPT AS STATED IN THE PRECEDING SENTENCE. See the TwistDx Limited Terms and Conditions of Supply available at <https://www.twistdx.co.uk/terms-of-supply> for additional terms and conditions.

TwistDx™

Unwind DNA's possibilities

TwistAmp™ exo Kit

Quick Guide

Part number: INTAEXO

Revision 3

TwistDx™

Abbott House, Vanwall Business Park, Vanwall Road, Maidenhead, SL6 4XE, UK

E info@twistdx.co.uk | [twistdx.co.uk](https://www.twistdx.co.uk)

© 2019 Abbott. All rights reserved.

All trademarks referenced are trademarks of either the Abbott group of companies or their respective owners.

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.

TwistAmp™ exo Quick Guide

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%

Part Number: INTAEXO
Revision 3

Date of Revision:
3.2 2019/01