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TwistDx™

Unwind DNA's possibilities

TwistAmp™ Basic Kit

Quick Guide

Part number: INTABAS

Revision 3

TwistDx™

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TwistAmp™ Basic Kit 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 (10 μ M)	2.4 μ l
Primer B (10 μ M)	2.4 μ l
Primer Free Rehydration buffer	29.5 μ l
Template and water to	13.2 μ l
(Total volume)	47.5 μ l

Vortex and spin briefly.

2. Add reaction mix to a TwistAmp® Basic reaction. Pipette to mix.
3. Add 2.5 μ l of 280mM Magnesium Acetate (MgOAc) (supplied) and mix well to start reaction.

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

4. Incubate at 39 °C for 20 minutes. For low template copy number, remove strip after 4 minutes, vortex and spin briefly, replace in heating device.
5. After 20 minutes, clean amplicons before running on agarose gels.

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™ Basic Kit Quick Guide

Kit Positive Control Set-up (single-plex)

1. Prepare reaction mix in 1.5ml tube:

Positive control primer mix	8 μ l
Primer Free Rehydration buffer	29.5 μ l
Positive control DNA template	1 μ l
Water	9 μ l
(Total volume)	47.5 μ l

Vortex and spin briefly.

2. Add reaction mix to a TwistAmp® Basic reaction. Pipette to mix.
3. Add 2.5 μ l of 280mM Magnesium Acetate (MgOAc) (supplied) and mix well to start reaction.

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

4. Incubate at 39 °C for 20 minutes. Remove strip after 4 minutes, vortex and spin briefly, replace in heating device.
5. After 20 minutes, clean amplicons before running on agarose gels.

Warning: 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.

TwistDX
Basic 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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