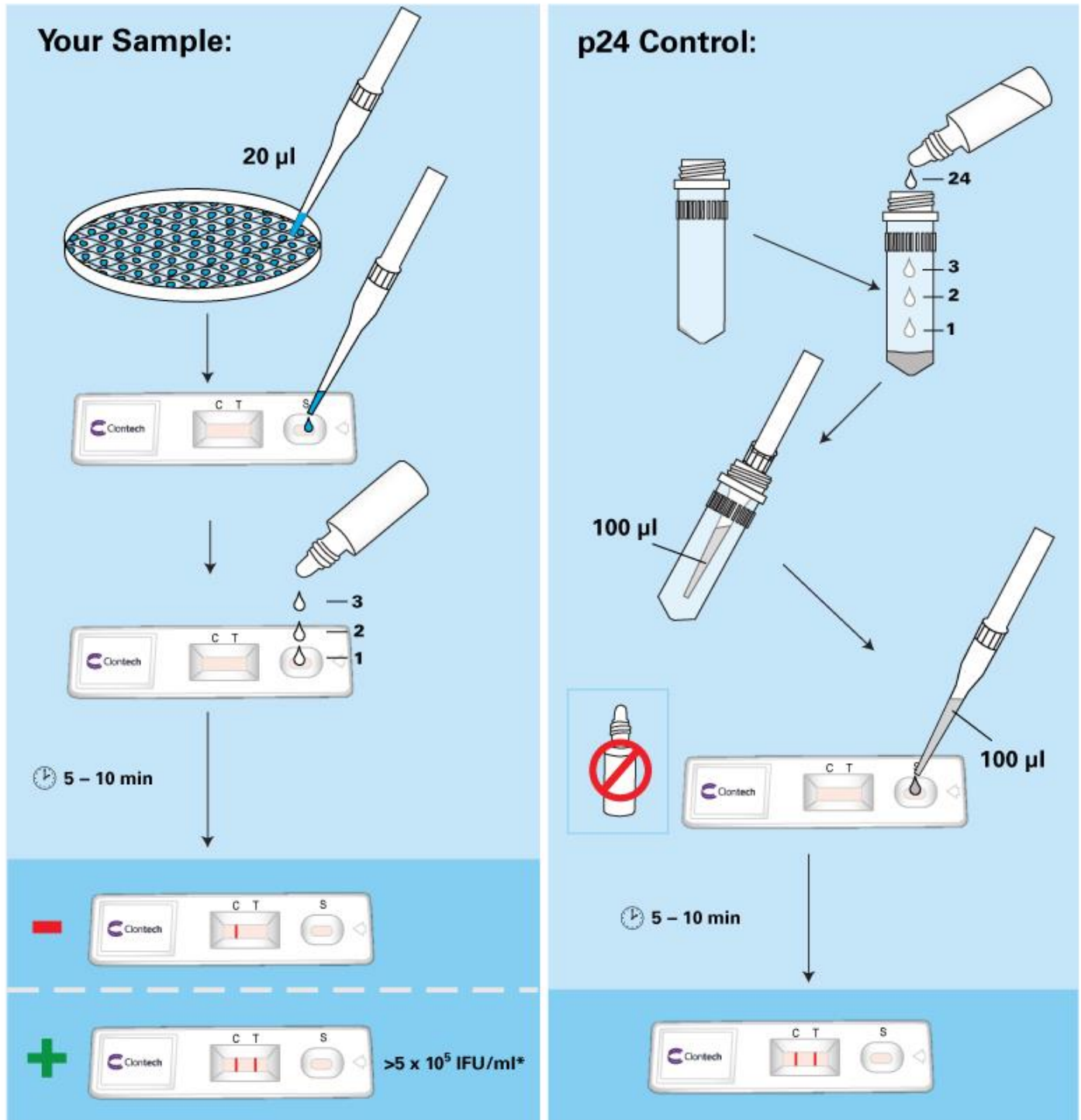


## Lenti-X™ GoStix™ Protocol-At-A-Glance (PT5185-2)

Lenti-X GoStix are designed to rapidly confirm the presence of lentivirus, using only 20 µl of packaging cell supernatants. The test detects lentiviral p24 and can be used to determine whether virus production is within a usable range or for selecting the best time to harvest your virus. The included p24 control provides confirmation of GoStix test function.



**\*NOTE:** Test sensitivity may vary when compared to different titration methods or when using different lentiviral packaging systems. For example, when Lenti-X GoStix were used to test viral supernatants produced using the Lenti-X HTX Packaging System, Lenti-X 293T Cells, and a pLVX vector expressing Clontech's ZsGreen1 fluorescent protein, a clear band was generated by a diluted supernatant containing >5 x 10<sup>5</sup> IFU/ml (as measured by flow cytometry of transduced HT-1080 cells).

## Your Sample Test

1. Take 20 µl of your lentiviral supernatant and apply to the sample well (S) of the GoStix cassette.
2. Add 3 drops of Chase Buffer to the sample well and wait for the bands to develop.
3. A control band will always appear (C), and a test band (T) will start to appear within 5 min and reach maximum intensity at 10 min if your sample contains sufficient lentivirus.

## p24 Control Test

1. The p24 control is supplied in a dried format. To resuspend add 24 drops of Chase Buffer (~500 µl) and vortex.
2. Apply 100 µl of the p24 control to the sample well (S) of the GoStix cassette.
3. 2 bands (control and test) will appear in 5 min.
4. For additional control tests, add 0.1% sodium azide to the vial and store at 4°C for up to 12 months.

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This document has been reviewed and approved by the Clontech Quality Assurance Department.