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# Highfield Diagnostics COVID19 LFA Protocol

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Works for me

[dx.doi.org/10.17504/protocols.io.bkszkwf6](https://dx.doi.org/10.17504/protocols.io.bkszkwf6)

XPRIZE Rapid Covid Testing

Highfield Diagnostics



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## ABSTRACT

Highfield Diagnostics has developed a COVID-19 rapid diagnostic test (RDT), which is a lateral flow immunochromatographic assay (LFA), that detects nucleoprotein in nasal swab specimens. The test provides a simple colorimetric readout of results in less than 30 minutes (including sample preparation time) at a cost of <\$5 per test, with no special reader or additional equipment. This scalable and accessible solution puts simple and frequent testing capacity, without the need for skilled personnel, into the hands of billions across the world.

## ATTACHMENTS

[QS Part 12 Protocols.pdf](#)

## DOI

[dx.doi.org/10.17504/protocols.io.bkszkwf6](https://dx.doi.org/10.17504/protocols.io.bkszkwf6)

## COLLECTION CITATION

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

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

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## FILES

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Coronavirus Lateral Flow Assay (LFA) sample preparation protocol  
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Coronavirus Lateral Flow Assay (LFA) operation protocol  
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