

PHASiFY™

PHASiFY™ VIRAL RNA Extraction Kit CE

PHASiFY™ is a novel sample preparation technology based on a proprietary liquid phase extraction mechanism.

The PHASiFY™ VIRAL RNA Extraction Kit (CE-IVD) is designed for maximum yield of viral RNA from viral transport media samples (including PBS and saline). The product has demonstrated superior recovery against solid phase extraction methods.

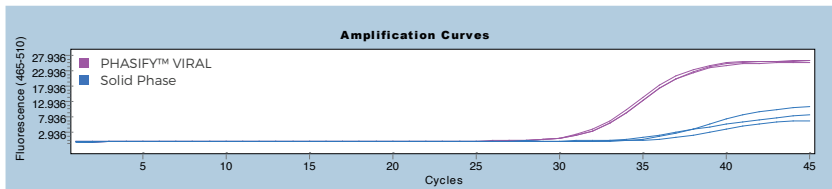


PHASiFY™ VIRAL Advantage:

- **High Yield:** Up to 600 µL of sample per extraction
- **High Concentration:** Flexible elution volume as low as 10 µL
- **High Detection Sensitivity:** Lower limit of detection for downstream RT-PCR to 20 copies / mL
- **Easy-to-Use:** No specialized equipment needed such as magnetic racks and vacuum pumps

| Product Ref. No. | Input | Prep |
|------------------|-------------------------------|----------------|
| 1220100 | 140 - 600 µL VTM, PBS, saline | 100 rxns / box |

Product Performance



| | PHASiFY™ VIRAL N = 18 | Solid Phase N = 3 |
|--------------|--------------------------|----------------------|
| Avg Ct Value | 32.4 | 38.8 |

PHASiFY™ VIRAL RNA extraction kit enabled a 3-6 cycle threshold reduction compared to samples extracted with solid phase extraction.

Figure 1 - Spiked-in COVID-19 E gene RNA template was extracted from viral transport media (VTM, COPAN Diagnostics) using PHASiFY™ VIRAL and standard solid phase RNA extraction kit. Sample input and output were based on each manufacturer's recommended specifications. Cycle threshold was determined with RT-PCR (Roche LightCycler 480 II). Samples extracted with PHASiFY™ VIRAL RNA extraction kit enabled a 3-6 cycle threshold reduction compared to samples extracted with solid phase extraction.

Find out more at www.phasescientific.com

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