

Full compliance from sample to result!

For Europe



Sample & Assay Technologies

Fully CE-IVD-compliant integrated automated sample purification and pathogen detection

EASYartus PCR Kits provide a fully compliant system for reliable pathogen detection for routine diagnostics, as required, for example, for transplantation. EASYartus PCR Kits provide fully automated viral nucleic acid purification using the EZ1™ DSP Virus Kit, combined with pathogen detection using artus® PCR Kits. The integrated system provides a complete CE-IVD-marked, fully compliant system from sample to assay for EBV, VZV, and HSV. (EASYartus CMV and HBV Kits provide individually CE-IVD-marked kits but are currently not available as an integrated CE-IVD-marked system.)

EASYartus PCR Kits provide:

- Automated processing of clinical samples with full IVD compliance
- Pathogen load monitoring in patients
- Cost-efficient patient management
- Standardized integrated system for time savings and ease of use

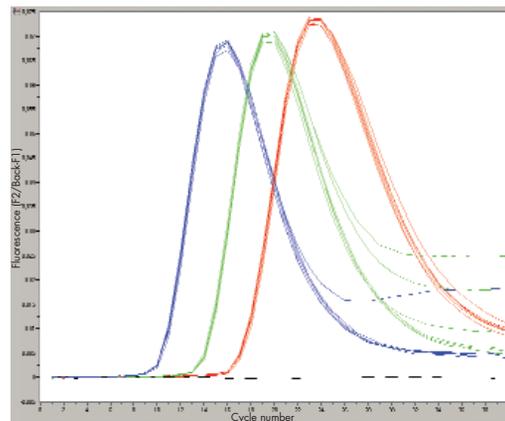


Figure 1. Robust and reproducible purification and detection of EBV in human plasma. EBV DNA was purified from 30 human plasma samples spiked at 3 different titers using the EZ1 DSP Virus Kit. EBV DNA was amplified and detected using the artus EBV LC PCR Kit on the LightCycler Instrument.

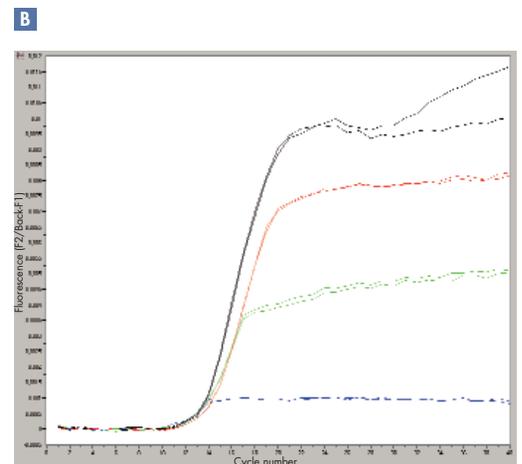
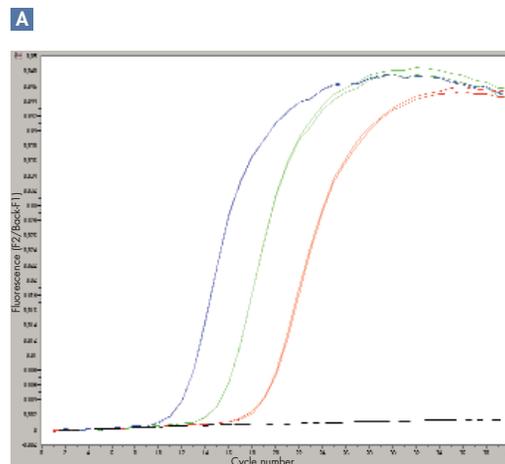


Figure 2. Reliable purification and detection of HSV in human CSF. HSV DNA was purified from 30 human CSF samples spiked at 3 different titers using the EZ1 DSP Virus Kit. HSV DNA was amplified and detected using the artus HSV-1/2 LC PCR Kit on the LightCycler Instrument. **A** Amplification curves for three different titers. Representative data analyzed for 15 samples. **B** Amplification of the internal control. Representative data analyzed for 15 samples.

Free up your time with easy automated purification

The BioRobot® EZ1 DSP workstation in combination with the proven EZ1 DSP Virus Kit provides easy, fully automated purification of viral nucleic acids from 1–6 human serum, plasma, or CSF samples for in vitro diagnostics. All processing steps are performed by the workstation — from piercing the reagent cartridge to elution of highly pure viral nucleic acids. Purified viral DNA or RNA is ready to use for rapid and sensitive pathogen detection by real-time PCR using *artus* PCR Kits (Figures 1 and 2). EASY*artus* PCR Kits are available for use with the LightCycler® Instrument (Roche), the ABI PRISM® 7000 and 7900HT SDS (Applied Biosystems), and the Rotor-Gene™ 3000 (Corbett Research).

Equivalent performance with less hands-on time

Assay performance using the automated system correlates very well with performance using manual purification with the CE-IVD-marked QIAamp® DSP Virus Kit. The correlation factors indicate high concordance of the two data sets, demonstrating the suitability of the integrated automated platform (Figure 3).

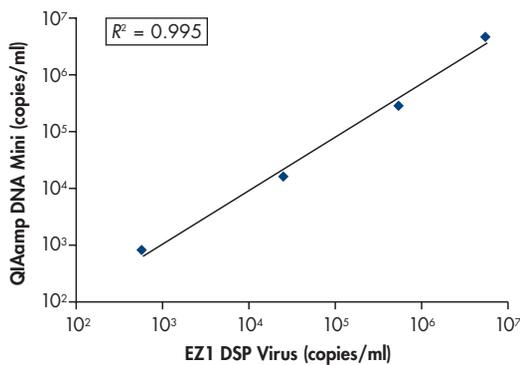


Figure 3. Correlation of automated and manual purification. VZV DNA was purified from a serial dilution of spiked human liquor specimens using the EZ1 DSP Virus Kit (9 samples per dilution) or the QIAamp DNA Mini Kit (3 samples per dilution) and amplified on the LightCycler Instrument using the *artus* VZV LC PCR Kit. Representative data analyzed for an individual sample. $R^2 = 0.995$.

Efficient and cost-effective viral load monitoring in patients

EASY*artus* PCR Kits enable efficient purification and detection of viral nucleic acids over a range of viral titers with efficient removal of PCR inhibitors. The standardized, integrated system provides an easy solution for cost-efficient patient management with full IVD compliance.

Ordering Information

Product	Contents	Cat. no.
EASYartus HSV-1/2 LC PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus HSV-1/2 LC PCR Kit	EA10004
EASYartus EBV LC PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus EBV LC PCR Kit	EA10104
EASYartus EBV TM PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus EBV TM PCR Kit	EA10114
EASYartus EBV RG PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus EBV RG PCR Kit	EA10124
EASYartus VZV LC PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus VZV LC PCR Kit	EA10204
EASYartus VZV TM PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus VZV TM PCR Kit	EA10214
EASYartus CMV LC PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus CMV LC PCR Kit; for use with EDTA plasma	EA10304
EASYartus CMV TM PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus CMV TM PCR Kit; for use with EDTA plasma	EA10314
EASYartus CMV RG PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus CMV RG PCR Kit; for use with EDTA plasma	EA10324
EASYartus CMV LC PCR Blood Kit 2*	1 x EZ1 Virus Mini Kit v1.0, 2 x artus CMV LC PCR Kit; for use with whole blood	EA00304
EASYartus CMV TM PCR Blood Kit 2*	1 x EZ1 Virus Mini Kit v1.0, 2 x artus CMV TM PCR Kit; for use with whole blood	EA00314
EASYartus CMV RG PCR Blood Kit 2*	1 x EZ1 Virus Mini Kit v1.0, 2 x artus CMV RG PCR Kit; for use with whole blood	EA00324
EASYartus HBV LC PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus HBV LC PCR Kit	EA10604
EASYartus HBV TM PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus HBV TM PCR Kit	EA10614
EASYartus HBV RG PCR Kit 2*	1 x EZ1 DSP Virus Kit, 2 x artus HBV RG PCR Kit	EA10624

* Also available with 1 EZ1 DSP Kit and 1 artus PCR Kit; please inquire.

EASYartus HSV-1/2, EBV, and VZV PCR Kits are intended for in-vitro diagnostic use in Europe.

EASYartus CMV and HBV PCR Kits: For Research Use Only. Not for use in diagnostic procedures. No claim or representation is intended to provide information for the diagnosis, prevention, or treatment of a disease.

Visit www.qiagen.com/goto/EASYartus for full compliance from sample to result!

Trademarks: QIAGEN®, QIAamp®, artus®, BioRobot®, EZ1™ (QIAGEN Group); ABI PRISM® (Applied Biosystems); LightCycler® (Roche Group); Rotor-Gene™ (Corbett Research).
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