

INTRODUCTION

The PureBind Virus Nucleic Acid Isolation Kit is designed to isolate viral DNA and RNA from enveloped viruses (e.g. HBV, HCV, and HIV) in plasma and serum. The magnetic technology enables efficient, consistent, and scalable extraction of viral nucleic acid from plasma or serum. The obtained nucleic acid is of high yield and purity and is suitable for direct downstream applications such as PCR, qPCR, and NGS. Furthermore, the magnetic particles feature uniformed size and slow sedimentation rate, which makes it excellent choice for high throughput sample preparation.

HIGHLIGHTS

- **High yield** of quality viral DNA or RNA yields compared to other magnetic bead-based methods
- **Scalable** to higher and lower input volumes from 200 µl to 4 ml
- **Eco-friendly** with no costly columns required and minimal use of plastics

DOWNSTREAM APPLICATIONS

- PCR
- Real-time PCR NSG
- Sequencing

Optimized to Bind to Virus DNA and RNA

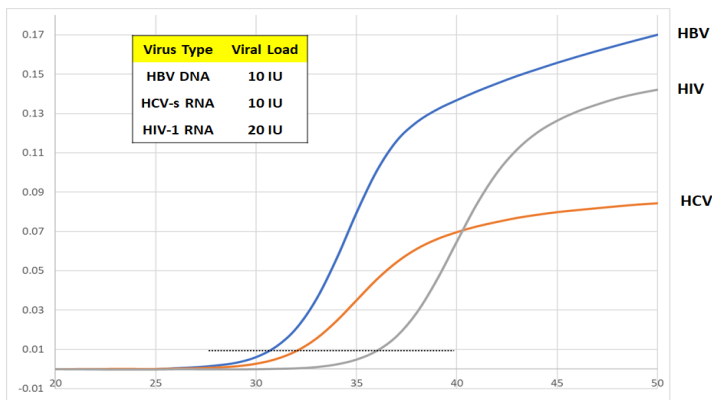
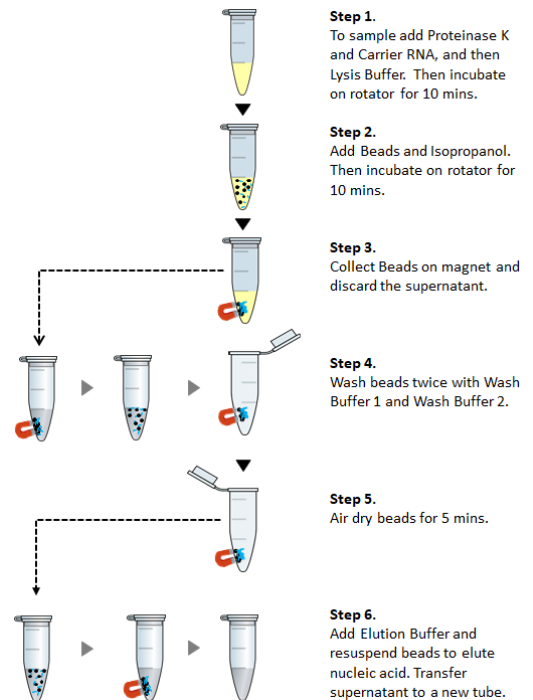


Figure 1. Example of virus nucleic acid isolated using the PureBind Viral Nucleic Acid Isolation Kit.

The PureBind Virus Nucleic Acid Isolation Kit provides a convenient method to enrich virus nucleic acid from human plasma with high affinity, allowing for a low detection limit.

Simple and Quick Workflow



Visit our website: www.oceannanotech.com to view our complete line of products and innovative sample preparation kits.

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