



Product Sheet

[HighPrep Viral RNA Kit](#)

1. What is the HighPrep Viral RNA Kit?

The HighPrep Viral RNA Kit is a magnetic bead-based extraction kit that has been optimized to work with Viral samples. The kit is available in 2 formats – [HighPrep Viral RNA Kit](#) which can be used in automated or manual workflows and the [HighPrep Viral RNA Kit – KingFisher™ Format](#) which is specifically designed to work with KingFisher™ platforms.

The kit was recently optimized to work with SARS-CoV-2 RNA and is quick & consistent at purifying RNA from samples.

2. Sample matrices for HighPrep Viral RNA Kit:

- Nasopharyngeal Swabs
- Oropharyngeal Swabs
- Saliva Samples
- Serum
- Plasma
- Samples collected in Viral Transport Media

3. Facilities that can use HighPrep Viral RNA Kit:

- SAR-CoV-2 Testing & Research Labs
- Diagnostic Laboratories
- Sequencing Cores working to sequence viral genomes
- Genotyping facilities
- Medical / Clinical Laboratories
- Academic Genomic Cores doing viral research, detection or testing
- BioTech / Pharma companies developing viral detection panels / assays
- Hospitals monitoring patient viral load

4. What problems does the HighPrep Viral RNA Kit solve?

- Long sample processing time / detection workflows – Time saving
- Low RNA yields
- Improper sample lysis
- Insufficient inputs for RT-PCR

5. What benefits does the HighPrep Viral RNA Kit provide?

- Easily adaptable to automated workflows – KingFisher, Hamilton, Opentron, Eppendorf etc
- Purified RNA is suitable for direct use in RT-PCR and other downstream applications
- Consistent performance with different VTM's OR UTM

6. What makes HighPrep Viral RNA Kit Unique?

- LES – Lysis Enhancing Solution

Our LES buffer ensures optimal lysis of samples which in turn guarantees high yields and consistent Ct values.

7. What are the kit's components and requirements?

[HighPrep Viral RNA – KingFisher™ Format:](#)

HighPrep™ Viral RNA Kit (KingFisher™ Alternative) Catalog No.	KFV-R96 (Sample)	KFV-R2000	STORAGE
Number of Preps	96	2000	
Binding Solution	22 ml	460 ml	15-25°C
Wash Buffer ¹	30 ml	650 ml	15-25°C
Elution Solution	8 ml	120 ml	15-25°C
Pro K Solution ²	1.1 ml	22 ml	2-8°C
MAG-S1 Particles	1.1 ml	22 ml	2-8°C
LES I ³	5 ml	110 ml	2-8°C

[HighPrep Viral RNA Kit](#)

HighPrep™ Viral RNA Kit Catalog No.	HPV-R20 (Sample)	HPV-R96	HPV-R96X4	STORAGE
Number of Preps*	20	96	384	
Viral Lysis Buffer	6 ml	30 ml	120 ml	15-25°C
RDW Buffer ¹	6 ml	30 ml	120 ml	15-25°C
Nuclease-Free Water	8 ml	35 ml	140 ml	15-25°C
Pro K Solution ²	230 µl	1.1 ml	4.4 ml	2-8°C
NBE ³	180 µl	2 ml	8 ml	2-8°C
MAG-S1 Particles	230 µl	1.1 ml	4.4 ml	2-8°C
LES I ³	1 ml	5 ml	20 ml	-20°C

8. Product Master SKU's

Product Description	Catalog No.
HighPrep Viral RNA Kit – KingFisher™ Format (2000 Prep Kit)	KFV-R2000
HighPrep Viral RNA Kit (96 Prep Kit)	HPV-R96
HighPrep Viral RNA Kit (384 Prep Kit)	HPV-R96x4

9. Pricing

Product Description	Catalog No.	Price
HighPrep Viral RNA Kit – KingFisher™ Format (96 Prep Kit)	KFV-R96	FREE SAMPLE
HighPrep Viral RNA Kit – KingFisher™ Format (2000 Prep Kit)	KFV-R2000	\$3,700.00 USD
HighPrep Viral RNA Kit (20 Prep Kit)	HPV-R20	FREE SAMPLE
HighPrep Viral RNA Kit (96 Prep Kit)	HPV-R96	\$239.74 USD
HighPrep Viral RNA Kit (384 Prep Kit)	HPV-R96x4	\$863.91 USD