

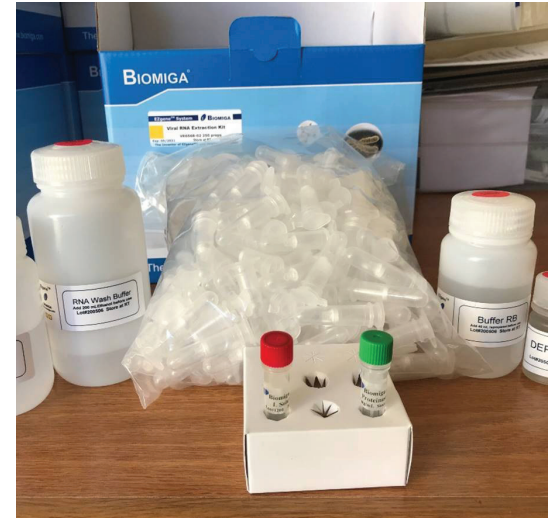
# BIOMIGA™ SYSTEM

## VIRAL RNA EXTRACTION & PURIFICATION



**SPARTAN**  
M E D I C A L

- The Biomiga™ System Viral RNA Extraction & Purification Kit provides an easy and reliable method for isolating total viral RNA from plasma, serum, nasopharyngeal or oropharyngeal aspirates or washes, swabs, aspirates, and sputum.
- Millions of Kits have been deployed for isolating nucleic acids from COVID-19, Influenza, SARS and other respiratory viruses as well as Hepatitis A, Hepatitis C and HIV. The isolated RNA can be used for PCR, qRT-PCR and other downstream applications.
- Specially formulated Lysis Buffer and Proteinase K provided to effectively extract viral RNA
- The highly efficient process takes less than 30 minutes including purification and saves up to 40% of base reagents compared to other RNA extraction systems. No phenol-chloroform extraction or time-consuming alcohol precipitation is used.



### KEY POINTS:

- ✓ **Manufactured in the USA - San Diego**
- ✓ **ISO Certified (9001:215) and FDA Registered**
- ✓ **Manual test that takes approximately 20-30 minutes to complete 96 preps ready for RNA Amplification using RT-PCR**
- ✓ **Stable materials can be used at room temperature**
- ✓ **Must be done in a CLIA accredited laboratory using 5 step pipet process to isolate and purify the nucleic acid/RNA from the COVID-19 virus**
- ✓ **Requires normal wet lab equipment (centrifuges, pulse vortex, pipets, vials)**

### KIT COMPONENTS:

- 250 'preps' mini columns (for reverse RNA binding)
- 1 Bottle of Buffer LYE (for Lysis and binding)
- 1 Bottle of Proteinase K (to ensure complete Lysis)
- 1 Bottle of RNA Wash Buffer (to remove impurities)
- 1 Bottle of Buffer HRB (to further remove impurities)
- 1 Vial of L Solution (RNA Carriers)
- 1 Vial of DEPC-Treated dd H2O (RNA Elution)

PART NO.	PRODUCT	DESCRIPTION
VR6568	Biomiga System	Viral RNA Extraction & Purification; Kit comes with 250 prep mini columns, 4 bottles and 2 vials



### LEARN MORE:

Contact Spartan Medical Inc.

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