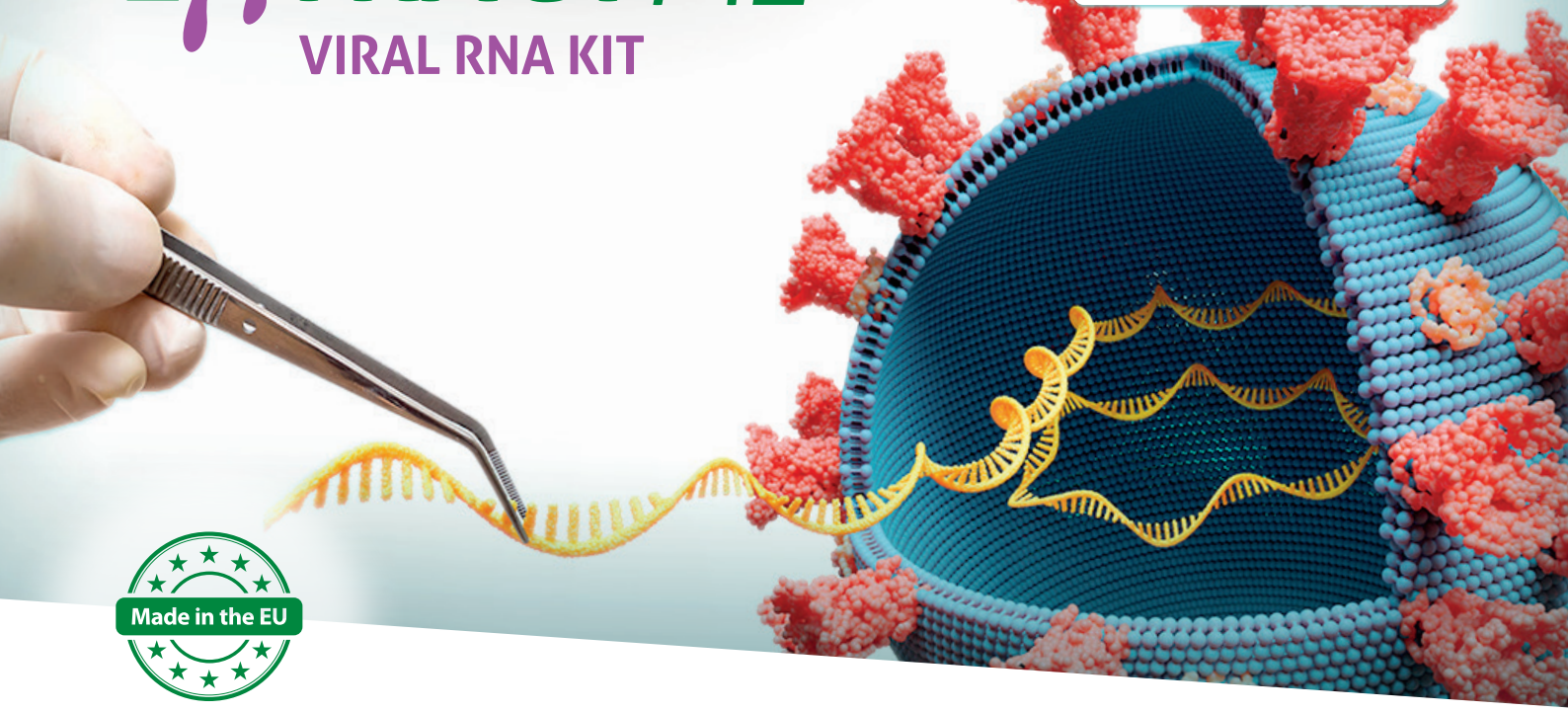
EXTRACTME®
VIRAL RNA KIT

NEW PRODUCT



Made in the EU

Viral RNA isolation from swabs

EXTRACTME™ VIRAL RNA KIT

Viral RNA isolation is a crucial and fundamental step to follow researches concerning viruses. The ***EXTRACTME*** **VIRAL RNA ISOLATION KIT** is designed for the rapid and efficient purification of high quality viral RNA from swabs.

The kit is specifically designed to isolate viral nucleic acid from a variety of RNA viruses including SARS-CoV-2 (the virus that causes COVID-19). The isolation protocol and buffer formulation were optimized for high extraction efficiency and RNA purity with minimal steps required.

The ***EXTRACTME*** **VIRAL RNA KIT** utilizes spin minicolumns with membranes which efficiently and selectively bind nucleic acids at high concentration of chaotropic salts. During the first isolation step, the material is lysed under highly denaturing conditions to inactivate nucleases and to ensure isolation of intact viral RNA. RNases are inactivated by guanidine thiocyanate. RNA bounds to a Purification Column membrane by addition of alcohol. A three-step washing stage effectively removes impurities and enzyme inhibitors. Purified RNA is eluted with the use of low ionic strength buffer and may be used directly in all downstream applications, such as RT-PCR, RT-qPCR, cDNA synthesis.

Available form and Cat. No.: EM39-250 – 250 extractions.

FEATURES & ADVANTAGES:

- **Rapid and efficient extraction**
- **Pure and intact Viral RNA**
- **RNA ready to use in downstream applications, such as RT-PCR, RT-qPCR, cDNA synthesis**
- **Binding capacity:** ~ 120 µg RNA
- **RNA purity:** A_{260}/A_{280} ratio = 1.9 – 2.1
- **Time required:** 10–12 minutes
- **Simple protocol that minimizes the risk of mistakes**

blirt Enzymes As You Need

www.blirt.eu

BLIRT S.A. | Trzy Lipy 3/1.38 | 80-172 Gdańsk | Poland
T: +48 58 739 61 50 | F: +48 58 739 61 51 | orders@blirt.eu