

**biocomma<sup>®</sup> Nucleic Acid Purification Kit**

DA-AF-01-001EN

**Virus DNA/RNA Purification Kit**

(Pre-packed magnetic beads)

Organisation name: CMC Medical Devices & Drugs S.L.  
Address: C/Horacio Lengo No 18, CP 29006, Málaga, Spain  
Email: [info@cmcmedicaldevices.com](mailto:info@cmcmedicaldevices.com)  
Eudamed actor ID: ES-AR-000000293  
SRN: CN-MF-000013631

**Manufacturer information****Manufacturer: Biocomma Limited**

**Manufacture Address:** B1605-B1606, Life Science Park, Shenchengtou Creative Factory, Julongshan A Road, Xiuxin Community, Kengzi Street, Pingshan District, Shenzhen City, 518118 Guangdong, P.R. China

**Customer service address:** 101~106, Block 12, Zhonghaixin Innovation Industrial Zone, No. 12 of Ganli Six Road, Ganli Industrial Zone, Jihua Street, Longgang District, Shenzhen City, 518114 Guangdong, P.R. China

**Tel:** 86(755)-25431879

**Web:** [www.biocomma.com](http://www.biocomma.com)

**E-mail:** [info@biocomma.com](mailto:info@biocomma.com)

**Specification approval date and revision date**

Approval date: April 23<sup>th</sup>, 2020

Revision date: Nov 4<sup>th</sup>, 2021

Jan. 6<sup>th</sup>, 2022

**Product name:**

Nucleic Acid Purification Kit

**Model:**

BNP027-5E

**Type:**

CBPN

**Specification:**

48pcs/box

**Application:**

Used in the steps of nucleic acid extraction, enrichment, purification and other steps carried out by the nucleic acid extraction system, and the processed product is used for clinical in vitro diagnostic use.

**Principle:**

Use a unique buffer system and magnetic beads that can specific adsorb and release nucleic acids to achieve the purpose of separation and purification of nucleic acids.

**Main components**

Contents	BNP027-5E(48pcs/box)
Pre-packed Plates	3pcs of MB48-Virus
Magnetic bar cover	6pcs

**MB48-virus**

## Pre-packed plate details

Pre-packed reagents	Well No.	Volume/Well (µL)
Lysis Solution	1	700
Wash I	2	500
Wash II+Magnetic Beads	3	730
Elution	5	100

**Note:** Well no.1 refers to A1-H1, A7-H7 of the 96-well plate; well no.2 refers to A2-H2, A8-H8 of the 96-well plate; and so on.

**Service Life and Storage Requirement:**

This kit should be stored at 15~25°C and is valid for 12 months.

**Applicable instrument:**

M48 Nucleic Acid Extraction system

**Sample requirements:**

1. This kit is suitable for extracting nucleic acid from swab preservation medium.
2. The samples need to be stored in time after collection to avoid sample degradation or contamination.
3. This kit is used for the purpose of extracting nucleic acids. Depending on different sample types, the sample preparation and amount used might be different.
4. For other applications, please contact our technical service for relevant instructions.

**Operation:**

1. Add 200ul of sample to the well No.1 of MB48-virus.
2. Insert the magnetic rod cover to the holder of the automatic nucleic acid extraction system.
3. Place the MB48-virus into the nucleic acid extraction system, and perform magnetic adsorption and purification according to the procedures set out in the table below.

Step	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
Station	3	1	2	3	5	3
Wait Time	00:00:00	00:00:00	00:00:00	00:00:00	00:03:00	00:00:00
Mix Mode	2	3	3	3	1	3
Mix Time	00:00:30	00:05:00	00:02:00	00:02:00	00:02:00	00:00:20
Pause	No	No	No	No	No	No
Mag Time	00:01:00	00:01:00	00:01:00	00:01:00	00:01:00	00:00:00
Volume	730 µL	1000 µL	500 µL	730 µL	100 µL	730 µL
Temperature	—	80 °C	--	--	65 °C	—

4. The solution in the well no.5 is the extracted nucleic acid Which should be used immediately or stored at -20°C or lower.

**Precautions:**

1. Please make sure to read this manual before operation.
2. Avoid repeated freezing and unfreezing, otherwise the extraction efficiency will be decreased.
3. Operators should be professionally trained or have qualifications of molecular detection methods. Laboratory should be responsible for biological safety provisions and protective procedures.
4. Please handle the pre-packed plate with care, and shake gently or centrifuge briefly before use to ensure no residue on wall.
5. Use immediately after tearing off the sealing film.
6. When putting the pre-packed plate in the instrument, be sure to set it in place, otherwise the 96-well plate will collide with the magnet rods and damage the instrument. If such a problem occurs during experiment, quickly turn off the instrument.

**Index of Symbols**

Consult instructions for use



Manufacturer



Temperature limit



Batch code



Date of manufacture



Use-by date



Do not use if package is damaged and consult instructions for use



Do not re-use



In vitro diagnostic medical device



Authorized representative in the European Community/ European Union