

# VIRAL DNA/RNA EXTRACTION

## ORDERING INFORMATIONS

REF: EXT- 001-32 RDM Code: 2144774/R  
 Reactions: 32 (single test strips)  
 REF: EXT- 002-32 RDM Code: 2219018/R  
 Reactions: 32 (2 plates of 16 tests)  
 CND Code: W02050116  
 Manufacturer: BioMol Laboratories s.r.l.

## CONTENTS OF THE KIT

The kit consists of: reagents for the extraction of viral DNA/RNA

For in vitro diagnostic use



## CONTENTS OF THE KIT

DESCRIPTION	LABEL	REACTIONS	STORAGE	
Strip mono test	DNA/RNA EXTRACTION KIT	32 reactions	RT	EXT-001-32
Tip combs		8 x 2	RT	
Plates	DNA/RNA EXTRACTION KIT	2 x 16 reactions	RT	EXT-002-32
Tip combs		2 x 2	RT	

## PRODUCT CHARACTERISTICS

Automatic extraction with magnetic beads of viral DNA/RNA from sample (naso-oropharyngeal swab, broncho-alveolar lavage, biological fluids) on pre-aliquoted plates or strips.

EXT-001-32: Optimized for Autopure 32-Allsheng Nucleic Acid Purification System and Auto-Pure Mini-Allsheng instrumentation.

EXT-002-32: Optimized for Autopure 32-Allsheng Nucleic Acid Purification System, GenePure Pro BIOER and Nucleic Acid Purification System-16 BigFish and Auto-Pure Mini-Allsheng instrumentation.

## PRINCIPLES OF METHOD

The automated extraction system using magnetic beads provides, after the lysis step in a specific buffer, the binding of the magnetic beads to the nucleic acid.

Subsequently a magnetic piston attracts and holds the beads to which the nucleic acid is bound. The magnetic beads are subjected to a rapid washing in buffer to eliminate further contaminants and salts. Finally, the magnetic piston is pulled away and the nucleic acid is eluted with water.