

# GENOMIC DNA EXTRACTION KIT WITH MAGNETIC BEADS

## ORDERING INFORMATIONS

REF: EXT - 011-32 Code RDM: 2724783/R  
Reactions: 32 (monotest strips)  
REF: EXT- 012-32 Code RDM: 2724797/R  
Reactions: 32 (2 plates of 16 tests)  
Code CND: W0105900101  
Manufacturer: BioMol Laboratories s.r.l.

## CONTENTS OF THE KIT

The kit consists of reagents for  
genomic DNA extraction

For in vitro diagnostic use



## CONTENTS OF THE KIT

DESCRIPTION	LABEL	REACTIONS	STORAGE	
Strip monotest	GENOMIC DNA EXTRACTION KIT WITH MAGNETIC BEADS	32 reactions	RT	EXT-011-32
Tip combs		8 x 2	RT	
Proteinase k (10 mg/ml)		750 µl	-20°C	
Plates	GENOMIC DNA EXTRACTION KIT WITH MAGNETIC BEADS	2 x 16 reactions	RT	EXT-012-32
Tip combs		2 x 2	RT	
Proteinase k (10 mg/ml)		750 µl	-20°C	

## PRODUCT CHARACTERISTICS

Automatic magnetic beads extraction of genomic DNA from biological sample (whole blood, cell pellets and biological fluids) in mono-sample pre-aliquoted strips/pre-aliquoted plates.

**EXT-011-32:** Validated for Autopure 32-Allsheng Nucleic Acid Purification System and Auto-Pure Mini-Allsheng instrumentation.

**EXT-012-32:** Validated for Autopure 32-Allsheng Nucleic Acid Purification System and Auto-Pure Mini-Allsheng instrumentation.

## PRINCIPLE OF THE METHOD

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

Subsequently, a magnetic piston attracts and retains the beads to which the nucleic acid has bound. Finally, magnetic beads are subjected to a quick washing in buffer to eliminate further contaminants and salts. Finally, the magnetic piston is moved away, and the nucleic acid is eluted with water.