

NUCLEIC ACIDS EXTRACTION (GENOMIC DNA VER.)

ORDERING INFORMATIONS

REF: EXT- 011-32 RDM Code: 2219486/R
 Reactions: 32 (single test strips)
 REF: EXT- 012-32 RDM Code: 2219498/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 genomic DNA

For in vitro diagnostic use



CONTENTS OF THE KIT

DESCRIPTION	LABEL	REACTIONS	STORAGE	
Strip mono test	GENOMIC DNA EXTRACTION KIT	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	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 extraction with magnetic beads of genomic DNA from biological samples (whole blood, cell pellets and biological liquids) in pre-aliquoted single-sample strips/pre-aliquoted plates.

EXT-011-32: Optimized for Autopure 32-Allsheng Nucleic Acid Purification System, GenePure Pro BIOER, Nucleic Acid Purification System-16 BigFish and Auto-Pure Mini-Allsheng instruments.

EXT-012-32: Optimized for Autopure 32-Allsheng Nucleic Acid Purification System, GenePure Pro BIOER, Nucleic Acid Purification System-16 BigFish and Auto-Pure Mini-Allsheng instruments.

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.