

TOTAL RNA EXTRACTION KIT WITH MAGNETIC BEADS

ORDERING INFORMATIONS

REF: EXT- 013-32 Code RDM: 2725135/R
Reactions: 32 (strip monotest)
REF: EXT- 014-32 Code RDM: 2725136/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 RNA extraction

For in vitro diagnostic use



CONTENTS OF THE KIT

DESCRIPTION	LABEL	REACTIONS	STORAGE	
Strip monotest	TOTAL RNA EXTRACTION KIT WITH MAGNETIC BEADS	32 reactions	RT	EXT-013-32
Tip combs		8 x 2	RT	
Proteinase k (10 mg/ml)		750 µl	-20°C	
Plates	TOTAL RNA EXTRACTION KIT WITH MAGNETIC BEADS	2 x 16 reactions	RT	EXT-014-32
Tip combs		2 x 2	RT	
Proteinase k (10 mg/ml)		750 µl	-20°C	

PRODUCT CHARACTERISTICS

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

EXT-013-32: Validated for Autopure 32-Allsheng Nucleic Acid Purification System and Auto-Pure Mini-Allsheng instrumentation.

EXT-014-32: Validated for Autopure 32-Allsheng Nucleic Acid Purification System and Auto-Pure Mini-Allsheng instrumentation.

PRINCIPLE OF THE METHOD

The automatic extraction system using magnetic spheres provides, after the lysis phase in a specific buffer, the binding of the positively charged magnetic spheres to the negatively charged 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.