

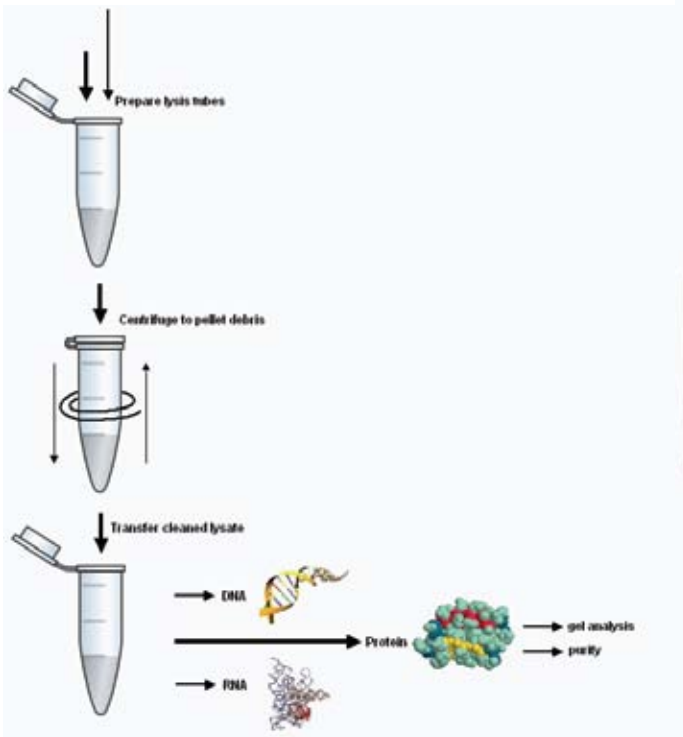
UNIPREP GYRATOR-24

Simultaneous handling of up to 24 different samples of 1,5/2,0ml

UNI-EQUIP



- Capacity 24 samples
- Rotor for 0,2/0,4ml available
- 3-D Vortex movement
- Orbital motion 4mm
- Rotor for tubes 1,5/ 2,0ml with lid
- Speed range 200 to 3000rpm
- Timer 99 hours or continuous operation
- Control of speed, time and frequency standardization and reproducibility



Control of speed, time and frequency of vortexing guarantees standardisation and reproducibility!

Applications:

Micro sized cell homogenizer for glass beads in 1 to 1,5ml of tissue or cell suspension, also useable as wet mill and to emulsify non-biological materials as soil samples, paint pigments and pharmaceutical materials. In combination with InViSorb purification kits, high quality nucleic acids, because of minimal DNA sharing and maximised lysis, other silicate matrix based kits are useable too. For other types of sample preparation in water / waste water analysis, DOC and APX contents. Intensive mixing of liquids of different density, elutriating etc.

The fields of using this machine are variable as the laboratory works. The high efficiency is guaranteed.

Dimensions and specifications are subject to change without notice for further improvements on design.
Dimensions may vary dependent on different accessories be used.

UNI-EQUIP

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THE GENERAL PRINCIPLE OF THE INVISORB™ DNA PURIFICATION KITS

Cell Cultures

Whole Blood or Serum

PCR Products

Yeast

Bacteria
Genom. DNA
or Plasmids

DNA Fragments
from Agarose Gels

Add the InViSorb 50
Carrier Suspension

THERMOLEADER
Dry Block Cool &
Heat Bath... 5 Minutes

1 Lysis or
Gel-Solubilization

2 DNA Binding
on the Carrier

10 Seconds
Centrifugation of the Carrier



Discard the Supernatant



Quick Resuspension of the Pellet with
the UNIPREP GYRATOR 24

3 3x Washing



Add 1 ml
Wash Buffer

Resuspension of
the Pellet in H2O

THERMOLEADER
Dry Block Cool &
Heat Bath...
5 Minutes, 52°C

Spin down
the Carrier

Carry over the DNA-
containing Supernatant

4 DNA Elution