

### Manual

# Xpure<sup>™</sup> Genomic Mini

Kit for genomic DNA purification from cell culture, tissue, cell lines. Isolation columns packed individually in sterile conditions.

catalog#	size
096-50	50 isolations

For research use only.

#### Guarantee

A&A Biotechnology provides a guarantee on this product.

The company does not guarantee the correct performance of this kit in the event of:

- not adhering to the supplied protocol
- · use of not recommended equipment or materials
- · use of other reagents than recommended or which are not a component of the product
- · use of expired or improperly stored product or its components

## **Table of Contents**

Contents	3
Additional equipment and reagents	3
Necessary	3
Isolation protocol	4
Safety information	6

#### **Contents**

component	090-50	storage
Minicolumns with tubes (packaged in blisters)	50 pcs	room temp.
2 ml tubes	100 pcs	room temp.
A lysis solution	12 ml	room temp.
B binding solution	22 ml	room temp.
C wash solution	55 ml	room temp.
Tris buffer (10 mM, pH 8.5)	12 ml	room temp.
RNAse (10 mg/ml)	260 μΙ	-20 °C
Proteinase K	1.1 ml	4-8 °C

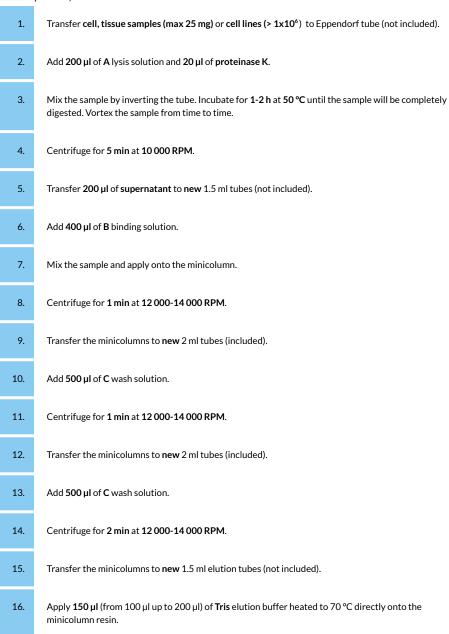
## Additional equipment and reagents

## Necessary

- 1.5 ml, 2 ml sterile Eppendorf tubes
- Incubator or thermoblock set to 50 °C, 70 °C
- Microcentrifuge

### **Isolation protocol**

Set the thermoblock temperature to 70 °C and place in it the Tris elution buffer (it will be used in point 16. of the isolation protocol).



- 17. Keep for 2 min at room temp.
- 18. Centrifuge for 1 min at 12 000-14 000 RPM.
- 19. Remove the minicolumn. Store the tube with purified DNA at -20 °C until later use.

## Safety information





DANGER

#### Proteinase K

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

P261 Avoid breathing dust.

P305+P351+P338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

P342+P311 If experiencing respiratory symptoms call a Poison Center or doctor/physician.



WARNING

#### A lysis solution

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

P305+P351+P338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.





**DANGER** 

#### B binding solution

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking.

P261 Avoid breathing vapors.

P305+P351+P338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.





DANGER

#### C wash solution

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking.

P261 Avoid breathing vapors.

P305+P351+P338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.



A&A Biotechnology, ul. Strzelca 40, 80-299 Gdańsk, Poland phone +48 883 323 761, +48 600 776 268 info@aabiot.com, www.aabiot.com