

# Precellys® Nucleic Acid Extraction Kits



Precellys® homogenizers & nucleic acid extraction kits:  
the optimized solution to purify DNA and RNA  
from your tissue samples

- **Premium quality:** High yields of purified DNA and RNA
- **Optimized Precellys workflow** from tissue to nucleic acid
- **Easy to use:** spin column technology
- **Versatile:** Single kits for multiple tissue types

# NUCLEIC ACID EXTRACTION KITS



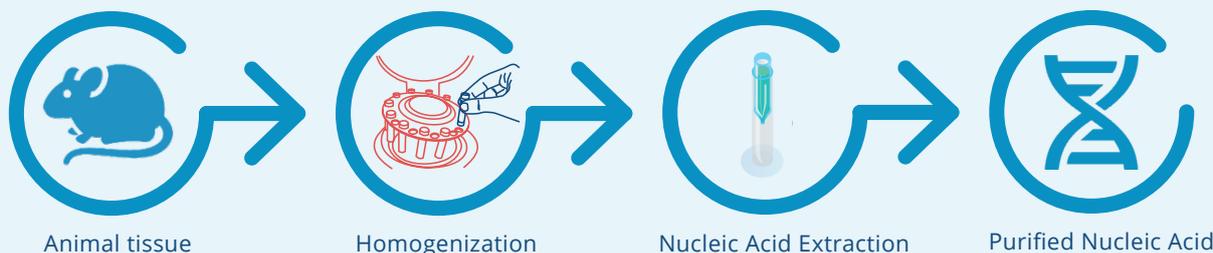
Bertin Bioreagent is offering two kits to extract DNA and total RNA from animal tissues. These kits are part of a complete sample preparation workflow that starts with tissue homogenization using Precellys® instruments and whose quality has been validated by Bertin Life Sciences R&D team.

Our Precellys Tissue DNA Extraction Kit and our Precellys Tissue Total RNA Extraction Kit allow for the extraction and purification of DNA and total RNA from a variety of tissue samples such as heart, liver, ear or tail.

The silica based mini column technology delivers highly pure nucleic acids that are free from protein and other contaminants and compatible with a large range of downstream applications such as PCR, RT-qPCR, sequencing, genotyping, Southern blot and Northern analysis.

The kits include a comprehensive user guide with optimized protocols for tissue homogenization and nucleic acid purification.

## Precellys workflow



## Extraction Kit illustrated protocol



## Technical specifications

### PRECELLYS TISSUE DNA EXTRACTION KIT

CATALOG NUMBER:  
D05701.50 EA

SIZE: 50 PREPS

STARTING AMOUNT:  
30 mg of tissue or  $5 \times 10^6$  cultured cells

ELUTION VOLUME: 100-200  $\mu$ L

### PRECELLYS TISSUE TOTAL RNA EXTRACTION KIT

CATALOG NUMBER:  
D05711.50 EA

SIZE: 50 PREPS

STARTING AMOUNT:  
30 mg of tissue or  $< 1 \times 10^7$  cells

ELUTION VOLUME: 40-70  $\mu$ L

STORE AT ROOM TEMPERATURE  
FOR RESEARCH USE ONLY

## Precellys homogenizers range

Discover the full range of products



**Precellys® & Cryoly® Evolution**  
the high-end versatile homogenizer



**Minilys** for occasional use



**Precellys® 24 Touch**  
the intuitive high throughput homogenizer



**Lysing Kit consumables**