

✓ ADVANTAGES

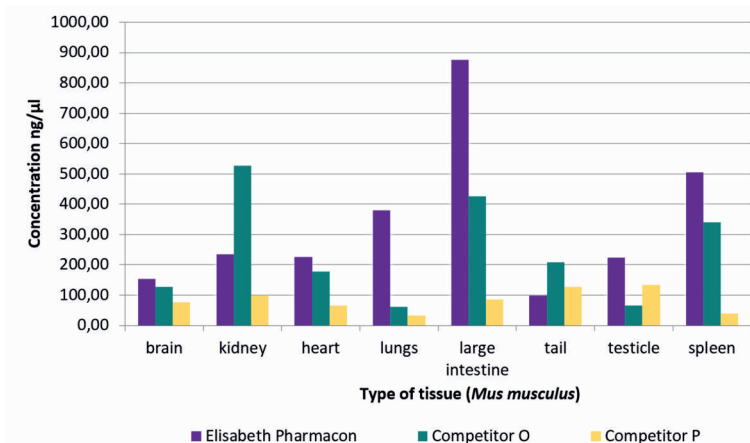
- Rapid isolation
- High yields
- No Proteinase K needed
- All solutions are ready to use (no ethanol addition)
- All necessary plastics in the package

✓ DESCRIPTION

EliGene® Tissue DNA Isolation Kit is designed for everyone who is looking for a fast high-yield isolation. In our kit, sand and pestle are used for sample homogenization. It is one of the critical steps in determining the quantity of isolated DNA and total time of isolation. Rapid and high quality homogenization does not require Proteinase K. Total lysis time is just 20 minutes. Thus, the whole isolation process takes one hour less than isolation with other commercial kits.

✓ APPLICATIONS

The graph summarizes results of **EliGene® Tissue DNA Isolation Kit** and extraction kits from competitors O and P. The concentration and purity of the extracted DNA was measured spectrophotometrically. Samples from various mouse organs were isolated.



Some isolates were selected to examine Glutathione-S-transferase gene by End-Point PCR. The PCR products (brain and spleen isolates) were then put on the gel. PCR of **EliGene® Tissue DNA Isolation Kit** and competitor O isolates was successful, in competitor P isolates we can see PCR inhibition.

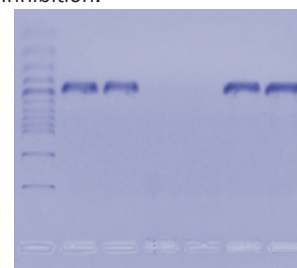


Figure: Results of GST gene End-Point PCR (from the left: ladder, O brain, O spleen, P brain, P spleen, EliGene® brain, EliGene® spleen)

CONTACT US

ELISABETH PHARMACON
 ROKYCANOVA 4437/5, BRNO-ZIDENICE 615 00
 CZECH REPUBLIC | +420 542 213 851
orders@elisabeth.cz | www.elisabeth.cz