

10x Lysis Buffer

Conveniently extract DNA using a universal Lysis Buffer in one-tube format to eliminate the risk of contamination

Extracted DNA can be stored at **-20 °C** for over a month

Extraction takes **no more than 5 minutes**

Superior results with inhibitor-rich agricultural samples

10x Lysis Buffer is specifically designed for DNA extraction from various sample types, such as plant seeds and leaves, which are typically the most inhibitor-rich matrices worked with in the applied sciences.

The extracted DNA is suitable for use in downstream analyses of **PCR and qPCR for applications** such as genotyping and direct detection of viral and bacterial DNA without the need for additional cleanup.

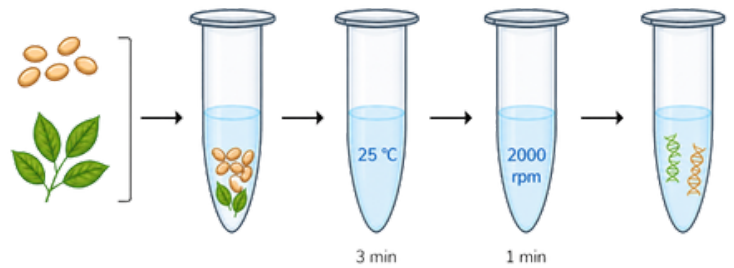
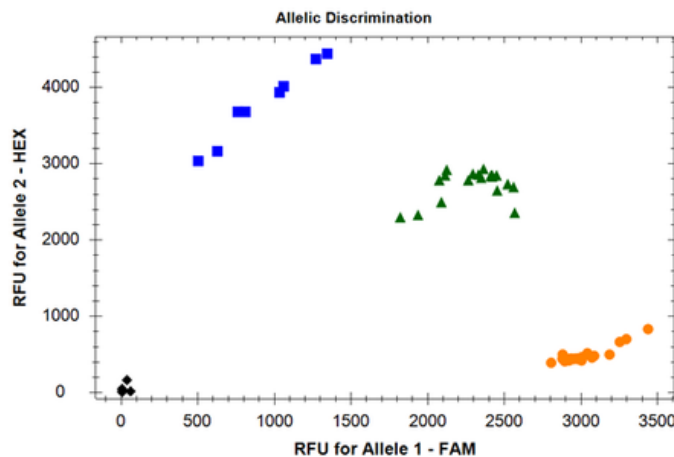


Figure 1. Cluster analysis was performed with HOT SolisAcura™ Cassette-based Genotyping Mix (ROX) for the in-house SNP detection assay using DNA extracted from soy with the 10x Lysis Buffer. The sample was lysed at 25 °C for 3 minutes in the 1x Lysis Buffer, and 2.5 microliters of the lysate was added to the well containing 2.5 microliters of the PCR reaction mixture. Blue dots indicate homozygous allele 2, orange dots homozygous allele 1, green dots heterozygous allele 1/allele 2.



Did you know?

10x Lysis Buffer is a component in our Direct qPCR Kit, but can also be purchased separately and combined with your other direct workflows.

Ordering information

Bulk solutions available!

Product	CAT. NO.	Size, Preps (≥)	More information
10x Lysis Buffer	05-95-0000S 05-95-00001 05-95-00004 05-95-00020	0,5 ml (50 preps) 1 ml (100 preps) 4 ml (400 preps) 20 ml (2000 preps)	