smart Plant DNA prep - FX, prefilled

The smart Plant DNA prep – FX, prefilled has been designed for automated isolation of high molecular weight genomic DNA (gDNA) from plant material using the liquid handling platform CyBio FeliX.

After the homogenization of dried or fresh plant parts including leafs, roots, seeds and more, DNA is bound to Smart Modified Surfaces, which were exclusively developed by IST Innuscreen (patent pending). The easy procedure predominantly based on simple pipetting up and down results in high yields of extracted DNA.

If needed the customer has the opportunity to use the premium pre-filled kit version in order to reduce hands-on time even more.

Product Name: smart Plant DNA prep - FX, prefilled

Product details

High Throughput Device: CyBio FeliX
Extract: DNA
Reactions: 96 or 480 (CyBio FeliX)
Sample type/Starting material: Cornmeal
Seed
Sugar beet
Leaves or herbs

Specifications:
Automatic extraction from up to 96 samples in parallel
Excellent performance tested for extraction of DNA from fresh and dried plant material
Elimination of interfering plant metabolites and possible PCR inhibitors

Starting Material
Disrupted plant material e.g. with SpeedMill PLUS

20 – 60 mg cornmeal
20 – 60 mg seeds
10 - 40 mg sugar beet (fresh)
1 - 4 mg corn leaf (dried)

Average Yield
Depending on amount and condition of starting material

Extraction Time
Lysis: Depends on starting material used
Extraction: 40 min

The online shop

Price: € 525.00
Content: 96 reactions