



Innuscreen

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Sensor  
Technology

# 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