

# Complete Automation for Agriculture Industry

## Automated Magnetic Extractor

### HiPurA<sup>®</sup> Extraction Kits

All Plant samples can  
be Processed



Flower



Seed



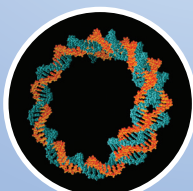
Root



Shoot



Leaf



Plasmid



Fruit

And  
many  
more...



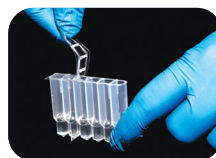
Scan QR  
code for  
more data



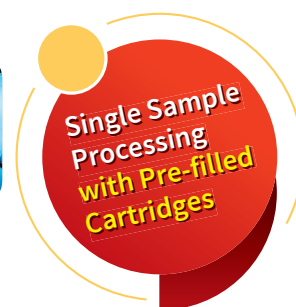
Insta NX<sup>®</sup> Mag16<sup>Plus</sup>  
MBLA018

For Seamless Extraction...

HiPurA<sup>®</sup> Magnetic  
Automated Extraction Kits



Pre-filled Plates:



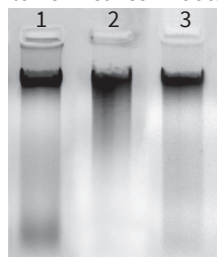
- Plant
- Seed
- Soil
- Plasmid
- Bacteria
- Fungus

## Plant DNA Extraction using MB507PC16



Saffron flower, leaves and roots

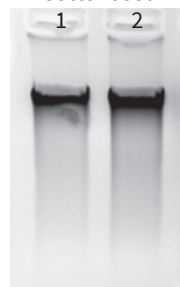
Flower Leaves Roots



Lanes	Sample	Yield (ng/μl)	Purity (A <sub>260</sub> /A <sub>280</sub> )	Purity (A <sub>260</sub> /A <sub>230</sub> )
1	Saffron Flower	35.30	1.86	1.75
2	Saffron Leaves	73.70	1.84	2.11
3	Saffron Roots	21.05	1.70	2.28

Sample	Yield (ng/μl)	Purity (A <sub>260</sub> /A <sub>280</sub> )	Purity (A <sub>260</sub> /A <sub>230</sub> )
Cottonseed	91.7	1.80	2.19
	71.4	1.82	2.31

Cottonseed

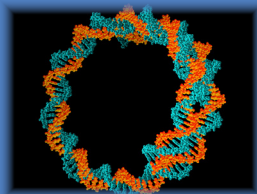


Cottonseed

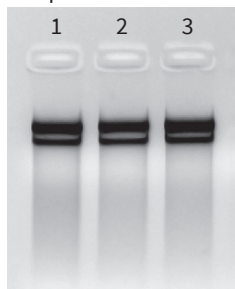


## Plasmid DNA Extraction using MB508PC16

Plasmid DNA



YcP50 Plasmid DNA



Sample	Yield (ng/μl)	Purity (A <sub>260</sub> /A <sub>280</sub> )	Purity (A <sub>260</sub> /A <sub>230</sub> )
YcP50 Plasmid DNA	62.500	1.874	2.140
	50.050	1.903	1.691
	55.850	1.903	2.284

\* Also available kits for Soil DNA extraction

**Hi-PCR® Kits**

- GMO (Semi-Q/SyBr)
- Plant (Semi-Q/SyBr)

**Chemicals** Molecular Biology Grade, Nuclease & Protease Free Chemicals

- MB010 - SDS
- MB067 - Tween® 20
- MB101 - CTAB
- And many more...



Sequencing and Bioinformatics Services

SANGER

NGS

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BIOINFORMATICS

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