



Agricultural Biotechnology Training

Agricultural Biotechnology Training Program

NTHRYS Biotech Labs offers Agricultural Biotechnology Training Program under below mentioned protocols. Candidates can opt their interested protocols from the list below. Please click **Join** button to pay the fee for selected protocol. Fees should be paid individually for all the selected protocols separately by clicking the button. Please save the payment proofs and send them as an attachment to

trainings [a t] nthrys [d o t] com to receive payment invoices and slot confirmations.

DNA Extraction from Plant Leaf

Rs 1680 /-

Time in Hours: 6

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Optimization of PCR parameters - Technical Theory - -No practical

Rs 360 /-

Time in Hours: 1

[Join](#)

Agarose Electrophoresis

Rs 720 /-

Time in Hours: 3

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Extraction and purification of amplified DNA from Agarose gels using spin columns

Rs 720 /-

Time in Hours: 1

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Cultivation of pUC 18 vector bearing bacterial strain

Rs 960 /-

Time in Hours: 24

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Plasmid -pUC 18- isolation

Rs 720 /-

Time in Hours: 6

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Restriction digestion of pUC18 vector using EcoRI

Rs 1080 /-

Time in Hours: 2

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5- End DNA modification of restriction digested plasmid sample -Addition of Poly Ts

Rs 1920 /-

Time in Hours: 3

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TA Cloning

Rs 1320 /-

Time in Hours: 2

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DNA ligation

Rs 1080 /-

Time in Hours: 2

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Competent cell preparation DH5 alpha cells

Rs 1680 /-

Time in Hours: 3

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Bacterial Transformation -using competent cells and cloned vector

Rs 2160 /-

Time in Hours: 48

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Blue white screening

Rs 3360 /-

Time in Hours: 48

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Aseptic culture techniques for establishment and maintenance of cultures

Rs 3600 /-

Time in Hours: 3

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Preparation of stock solutions of MS basal medium and plant growth regulator stocks

Rs 10800 /-

Time in Hours: 10

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Micropropagation of Tobacco plant by leaf disc culture

Rs 30000 /-

Time in Hours: 72

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Micropropagation of Rice by indirect organogenesis from embryo

Rs 30000 /-

Time in Hours: 72

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Preparation of competent cells of E. coli for harvesting plant transformation vector

Rs 4800 /-

Time in Hours: 6

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Transformation of competent cells of E. coli with plant transformation vectors

Rs 10800 /-

Time in Hours: 12

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Plasmid preparation from E. coli

Rs 1680 /-

Time in Hours: 6

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Electroelution of insert DNA from agarose gel slice

Rs 4800 /-

Time in Hours: 6

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Mobilization of recombinant Ti plasmid from common laboratory host (E. coli) to Agrobacterium tumefaciens strain

Rs 66000 /-

Time in Hours: 72

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Agrobacterium tumefaciens-mediated plant transformation

Rs 180000 /-

Time in Hours:
240

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Direct DNA delivery to plant by Particle Bombardment

Rs 48000 /-

Time in Hours: 48

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Isolation of plant genomic DNA by modified CTAB method

Rs 10800 /-

Time in Hours: 12

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PCR (Polymerase Chain Reaction)

Rs 3000 /-

Time in Hours: 5

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Reverse transcriptase PCR

Rs 3000 /-

Time in Hours: 5

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