MP Biomedicals

Super FastPrep-2

Hand Held Tissue Homogenizer



For the Extraction of DNA, RNA and Proteins



Point of Use

- Lab or Field
- Biological Containment Environments
- Uses standard 2 mL screw cap tubes for lysis.
- Compatible with all FastPrep Lysing Matrices.
- Compatible with all FastPrep purification kits.
- Omnidirectional motion with the highest G's!

Includes:

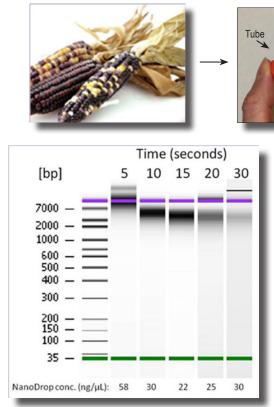
- One (1) Super FastPrep-2 unit.
- One (1) Rotary tool
- Two (2) Lithium Ion Rechargeable Batteries
- One (1) Battery Charging Station
- Ten (10) samples of MP Lysing Matrices
- Four (4) tube support plugs
- User Manual

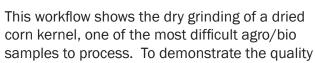
MP Biomedicals - It's What's Inside That Counts!



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Tubes

of lysate we performed complete DNA purification followed by analysis with a NanoDrop spectrophotometer and a BioAnalyser system from Agilent Technologies. An MP Bio Lysing Matrix A tube with two ¼ inch ceramic balls was used for grinding and a Zymo Research Plant/Seed DNA MiniPrep kit for DNA extraction and purification. After lysis, the sample was centrifuged and the supernatant was processed manually using a bind-wash-elute column based protocol as described in the kit. The resulting BioAnalyser image is presented, together with the DNA quantification data. At 5 seconds, the high quality and quantity of extracted DNA with low shearing is evident. At the longer grinding times, increased DNA shearing as well as decreased average molecular weights were observed.



Cat. No.	Description
MP116012500	Super FastPrep-2
MP116011510	Field Carrying Case
MP116011520	Voltage Converter

Lyse Efficiently:

- Tissue, Tumors, Bones
- Bacteria gram + or -
- Yeast, Fungi, Spores
- Plants, Seeds, Roots
- Feces, Soil

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Support Plug

BN12301513

