





Lysing Matrix

Your ultimate sample preparation lysing solution for fast and reproducible data



Ready-to-use bead beating lysing matrices for complete homogenization of any sample type

Choosing the right lysing matrix for homogenizing your cells, tissues, environmental samples, insects and plants is easy with MP Bio's comprehensive selection of Lysing Matrix tubes. Our innovative bead beating technology comes in a variety of bead sizes, shapes and compositions to ensure complete homogenization and reproducible sample preparation. Combine our Lysing Matrix with FastPrep instruments and kits for rapid extraction and purification of DNA, RNA and proteins, suitable for a full range of downstream applications.

-  Quick and easy cell disruption with beads optimized for specific sample types
-  Reliable and reproducible sample preparation
-  Compatible with any high-speed bead-beating homogenizer
-  Utilized worldwide with 20,000+ Lysing Matrix specific publications

| Featured Lysing Matrix | Size | Cat. No. |
|---|------------------|-------------|
| A  | 50 x 2 mL tubes | MP116910050 |
| | 100 x 2 mL tubes | MP116910100 |
| | 500 x 2 mL tubes | MP116910500 |
| C  | 50 x 2 mL tubes | MP116912050 |
| | 100 x 2 mL tubes | MP116912100 |
| | 500 x 2 mL tubes | MP116912500 |
| D  | 50 x 2 mL tubes | MP116913050 |
| | 100 x 2 mL tubes | MP116913100 |
| | 500 x 2 mL tubes | MP116913500 |
| E  | 50 x 2 mL tubes | MP116914050 |
| | 100 x 2 mL tubes | MP116914100 |
| | 500 x 2 mL tubes | MP116914500 |

Our Lysing Matrices are also available in the following sizes:

4.5 mL

25, 50 & 100 tubes

15 mL

5, 25 & 50 tubes

50 mL

10, 50, 100 & 500 tubes

96-well plates

1 & 10 96-well plates

Achieve Optimal Lysing Performance with Ready-to-Use Lysing Matrix

| Sample Type | Lysing Matrix | | | | | | | | | | | | | | | |
|---|---------------|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|
| Animal & Human Tissues | A | B | C | D | E | F | G | H | I | J | K | M | S | SS | Y | Z |
| Soft Tissues (Lung, Breast, Kidney, Heart, Intestine, Muscle, Spleen, Liver, Brain) | • | | | • | | | | | | | | | • | • | | • |
| Skin | • | | | • | | | | | | | | | | | | |
| Nail | | | | | | | | | | | | | • | | | |
| Tail, Ear | • | | | | | | | | | | | | • | | | |
| Vascular tissue | • | | | • | | | | | | | | | | | | • |
| Hair | | | | | | | | | | | | | • | | | |
| Bone | • | | | | | | | | | | • | • | • | • | | |
| Tumor | • | | | | | | | | | | | | • | | | |
| Mammalian cell | • | | | • | | | | | | | | | | | | • |
| Infected tissue (isolation of viruses or virus) | | | | | | | | | | | | • | | | | |
| Microorganisms | A | B | C | D | E | F | G | H | I | J | K | M | S | SS | Y | Z |
| Bacteria (gram + and -) | • | • | | | | • | | | | • | | | | | | |
| Yeast, Mold | • | | • | | | • | • | | | | • | | | | • | |
| Bacterial & Fungal spore | • | • | | | | • | • | | • | • | • | | | • | | |
| Algae | • | | • | | | | • | | | | | | | | • | |
| Virus | • | • | | | | | | | | | | | | | | |
| Environmental Samples | A | B | C | D | E | F | G | H | I | J | K | M | S | SS | Y | Z |
| Soil, Marine sediment, Rhizosphere, Manure, Compost, Sludge, Feces, Wastewater | | | | | • | | • | • | • | | | | | | | |
| Plant Tissues | A | B | C | D | E | F | G | H | I | J | K | M | S | SS | Y | Z |
| Leaf | • | | | • | | • | • | | | | | | | | | • |
| Seed | • | | | | | • | • | • | • | | | • | • | • | | |
| Root | • | | | | | • | • | | | | | | • | | | |
| Needle | • | | | | | • | • | | | | | • | • | | | |
| Wood | • | | | | | • | • | • | • | | | | | | | |
| Stem, Flower | • | | | • | | • | • | | | | | | | | | • |
| Insects & Worms | A | B | C | D | E | F | G | H | I | J | K | M | S | SS | Y | Z |
| Tick, Fly | • | | | • | | | | • | • | | | | | | | • |
| Nematode | • | | • | • | | | | | | | | | | | | • |
| Bee, Mosquito | • | | | • | | | | | | | | | | | | • |

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