

Ready-to-Use Mouse Mixed Frozen Tissue Microarray, Panel 2

Catalog #: MAF-MT2

Quantity: 5 slides

Storage Conditions: Store slides in firmly closed box or sealed bag at -20°C for short term storage or at -80°C for long term storage. Sections can be stored for up to one year of the date of purchase if stored correctly at -80°C.

Applications: The tissue microarrays are ideal for:

High throughput screening by immunohistochemistry and in situ hybridization of large number of tissue specimens for expression of specific protein and mRNA in just one single experiment.

Description: Tissues are freshly harvested from CD1 (ICR) mice and snapped frozen in O.C.T. freezing medium. Frozen tissues are cut at a thickness of 8 microns and mounted on positively charged slides. Each slide contains 1 section. All tissue preparation steps from harvesting to embedding in OCT are done in RNase-, DNase-, and protease-free conditions.

Shipping: Slides are shipped in a slide mailer or slide box on dry ice.

Prior to use: Remove slide box/slide mailer from the freezer (don't open) and warm-up to the room temperature for at least 30 minutes. This step is necessary for prevention of water condensation on the slides. After opening the slide box or slide mailer, it is also recommended to leave slides at room temperature for an additional 10-15 minutes. Restore unused slides in the freezer as described above.

Tissues on the slide:

| | | | | |
|--|---------------|----------------|------------------------|-----------------|
| | | Ovary | Testis | Pancreas |
| | Lung | Jejunum | Skeletal Muscle | Kidney |
| | Spleen | Stomach | Heart | Liver |

Tissues are not yet fixed and need to be fixed in one of the following fixatives depending on your applications: ice-cold acetone, ethanol, 4% paraformaldehyde, 10% buffered neutral formalin, or any other fixatives recommended for frozen tissue sections.

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