



*Data Sheet*

## **Ready-to-Use Rat Mixed Paraffin Tissue Microarray, Panel 2**

**Catalog #:** RAP-MT2

**Quantity:** 5 slides

**Storage Conditions:** Store slides in a dry place at room temperature or at 4°C in a firmly closed box or sealed bag containing desiccant. Sections are good for 1 year of the date of purchase if stored properly.

**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 Sprague Dawley rats, fixed for 24hr in 10% buffered neutral formalin and processed for embedding in low temperature melting paraffin in a mold. Block is sectioned at a thickness of 5 microns and sections are mounted on one slide treated for adherence (one section per slide). All tissue preparation steps from harvesting to sectioning are done in RNase-, DNase-, and protease-free environment.

**Shipping:** Slides are shipped in a slide mailer or slide box at room temperature.

**Prior to use:** Remove paraffin by dipping slides in xylene or any substitutive agent (3 changes 5 minute each), rehydrate in serial ethanol dilutions, and finally wash with PBS. For in situ hybridization, make alcohol solutions and PBS in RNase-free water.

**Tissues on the slide:** each slide contains one section of following tissues:

**Kidney, Lung, Heart, Testis, Ovary, Pancreas, Liver, Spleen, Stomach, Jejunum, skeletal muscles**

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