



*Data Sheet*

## **Ready-to-Use Rat Neuronal Frozen Tissue Microarray**

**Catalog #:** RAF-200

**Quantity:** 5 slides

**Storage Conditions:** Store slides in firmly closed box or sealed bag at -20oC for short term storage or at -80oC for long term storage. Sections are good for up to one year of the date of purchase if stored properly at -80oC.

**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, snapped frozen in OCT medium in a mold, and sectioned at a thickness of 7 microns. 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 on dry ice.

**Prior to use:** 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.

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

**Cerebellum, Entorhinal cortex, Frontal cortex, Posterior cortex, Hippocampus, Hypothalamus, Olfactory bulb, Pons, Striatum, Medulla, Thalamus, and Spinal cord**

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