

## Ready-to-Use Rat Reproductive Frozen Tissue Microarray

**Catalog #:** RAF-400

**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 fixed in fixative for O/N, cryoprotected in 30% sucrose, and snapped frozen in O.C.T. freezing medium. Frozen tissues are cut at a thickness of 7-10 microns and mounted on slides treated for adherence. 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:** each slide contains one section of following tissues:

**Testis, Epididymis caput, Epididymis corpus, Epididymis cauda, Ductus deferens, Seminal vesicles, Prostate, Ovary & Oviduct, Uterus, Vagina**

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