

## Core Histology Tissue MicroArrays User's Guide

As of July 2011, Research Histopathology Facility in the CCSG Tissue Biospecimen and Pathology Resource will accept requests for Tissue MicroArrays *for research purposes only* via the Core Histology Chargeback System. The web address is <http://histology.mdanderson.org>. The following information is to assist the user with submission of requests.

1. The investigator will provide a) matching H&E- stained slides and corresponding paraffin blocks with area(s) to be sampled circled with a marker on the H&E slides, and b) a completed electronic template (via Histology Chargeback System) and hard copy of the specimen Array Map to be used for array construction.
  - Screening of H&E slides will **NOT** be performed by Research Histology Core Laboratory personnel.
  - The laboratory will **NOT** be responsible for requesting slides or paraffin blocks for microarray tissue projects;
  - Blocks and slides will be returned only to the MDACC Investigator.
2. Charges for Tissue MicroArray Block preparation, unstained microarray tissue sections, and immunohistochemical studies performed on microarray sections.
3. The estimated time of completion for a Tissue MicroArray request is 20-30 days, depending on the size of the project and laboratory workload. The investigator will be contacted via phone and/or email upon completion.
4. Tissue MicroArray services provided by this lab are intended strictly for research.
5. All maps are created and edited by the Requestor/Investigator.
6. The maximum amount of core per block is 150.

**The following are charges that will apply to all Tissue MicroArray staining submitted to the lab:**

| <b>MicroArray slides: Unstained, H&amp;E, Special Staining, and Immunohistochemistry:</b> |
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| - Unstained array tissue sections: \$6.25 per slide.                                      |
| - H&E – stained array slides: \$8.25 per slide.   |
| - Special Stains: Tier I \$7.50 per slide and Tier II 13.50 per slide                     |
| - Immunohistochemical studies performed on tissue array slides: \$28.00 per slide.        |

| Service                    | Charge               |
|----------------------------|----------------------|
| Annealing (TMA)            | \$15 each            |
| Consultation Fee           | \$125.00 per session |
| Manual Construction        | \$943.75 per block   |
| Auto Construction          | \$818.75 per block   |
| TMA Cores (1 – 20)         | \$5 per core         |
| TMA Cores (21 – 59)        | \$7 per core         |
| Arranging block and slides | \$87.50 per block    |
| Microscopic ID             | \$70 slide           |
| Serial Sections            | \$12.50 per slide    |
| Unstained Section          | \$6.25 per slide     |
| TMA H&E Only               | \$2 per slide        |
| Pathologist's Services     | \$120.00/case        |

If there are any questions regarding the services offered, please phone Jacqueline M. Furr at X3-0009 or Sharon LeBlanc X2-3119 or via email at [jfurr@mdanderson.org](mailto:jfurr@mdanderson.org) or [sdleblanc@mdanderson.org](mailto:sdleblanc@mdanderson.org) respectively.