**Garvan Histology**  **TMA Construction Request**

* I I/we have read and agree to the terms and conditions of the Garvan Institute’s Academic/Research Services agreement.
* When reporting or publishing research findings I/we will acknowledge the Garvan Institute Histopathology Facility for their services.
* I acknowledge that the services are provided for research use only and the samples cannot be used for diagnostic purposes.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Supervisor/PI:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Organisation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PO: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TMA Block Name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tissue Species: Human / Mouse / Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tissue type (specify fatty tissue, bone, brain, etc.): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*H&E stained and /or unstained sections (the request for sectioning must be filled out below)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Block ID** | **H&E** | No. **Unstained** slides | **Comment / Instructions** |
|  |  |  |  |

Choose TMA grid most suitable for your needs:

21 cores – **10 blocks** duplicate + 1 Control/orientation block

32 cores – **10 blocks** triplicate + 2 Control/orientation blocks

32 cores – **15 blocks** duplicate + 2 Control/orientation blocks

52 cores – **15 blocks** triplicate + 2 Control/orientation blocks

56 cores – **27 blocks** duplicate + 2 Control/orientation blocks

84 cores – **27 blocks** triplicate + 3 Control/orientation blocks

64 cores – **31 blocks** duplicate + 2 Control/orientation blocks

96 cores – **31 blocks** triplicate + 3 Control/orientation blocks

We recommend duplicate or triplicate cored TMAs, but grids can be single cored TMAs as well.

Specific Controls can be provided with request.

If controls/orientation blocks are not provided, Histology can supply orientation blocks that are available at cost.

96-core grid (8 x 12) - largest grid

**If grids require some modification please discuss with histology staff.**

21 cores – **10 blocks** duplicate + 1 Control/orientation block

|  |
| --- |
| Control |
| A1Block name 1 | A2Block name 2 |  A3 | A4 | A5 |
| B1 | B2 | B3 | B4 | B5 |
| A5 | A1Block name 1 | A2Block name 2 |  A3 | A4 |
| B5 | B1 | B2 | B3 | B4 |

32 cores – **10 blocks** triplicate + 2 Control/orientation blocks

|  |  |
| --- | --- |
| Control | Control 2 |
| A1Block name 1 | A2Block name 2 |  A3 | A4 | A5 |
| B1 | B2 | B3 | B4 | B5 |
| A5 | A1Block name 1 | A2Block name 2 |  A3 | A4 |
| B5 | B1 | B2 | B3 | B4 |
|  A3 | A4 | A5 | A1Block name 1 | A2Block name 2 |
| B3 | B4 | B5 | B1 | B2 |

32 cores – **15 blocks** duplicate + 2 Control/orientation blocks

|  |  |
| --- | --- |
| Control | Control 2 |
| A1Block name 1 | A2Block name 2 |  A3 | A4 | A5 |
| B1 | B2 | B3 | B4 | B5 |
| C1 | C2 | C3 | C4 | C5 |
|  A3 | A4 | A5 | A1Block name 1 | A2Block name 2 |
| B3 | B4 | B5 | B1 | B2 |
| C3 | C4 | C5 | C1 | C2 |

52 cores – **15 blocks** triplicate + 2 Control/orientation blocks

|  |  |
| --- | --- |
| Control | Control 2 |
| A1Block name 1 | A2Block name 2 |  A3 | A4 | A5 |
| B1 | B2 | B3 | B4 | B5 |
| C1 | C2 | C3 | C4 | C5 |
| A5 | A1Block name 1 | A2Block name 2 |  A3 | A4 |
| B5 | B1 | B2 | B3 | B4 |
| C5 | C1 | C2 | C3 | C4 |
|  A3 | A4 | A5 | A1Block name 1 | A2Block name 2 |
| B3 | B4 | B5 | B1 | B2 |
| C3 | C4 | C5 | C1 | C2 |

56 cores – **27 blocks** duplicate + 2 Control/orientation blocks

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| A1Control  | A2Block name 1 |  A3 | A4 | A5 | A6 | A7 |
| B1 | B2 | B3 | B4 | B5 | B6 | B7 |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 |
| D1 | D2 | D3 | D4 | D5 | D6 | D7 |
| A5 | A6 | A7 | A1Control | A2Block name 1 |  A3 | A4 |
| B5 | B6 | B7 | B1 | B2 | B3 | B4 |
| C5 | C6 | C7 | C1 | C2 | C3 | C4 |
| D5 | D6 | D7 | D1 | D2 | D3 | D4 |

84 cores – **27 blocks** triplicate + 3 Control/orientation blocks

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| A1Control  | A2Block name 1 |  A3 | A4 | A5 | A6 | A7 |
| B1 | B2 | B3 | B4 | B5 | B6 | B7 |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 |
| D1 | D2 | D3 | D4 | D5 | D6 | D7 |
| A5 | A6 | A7 | A1Control | A2Block name 1 |  A3 | A4 |
| B5 | B6 | B7 | B1 | B2 | B3 | B4 |
| C5 | C6 | C7 | C1 | C2 | C3 | C4 |
| D5 | D6 | D7 | D1 | D2 | D3 | D4 |
|  A3 | A4 | A5 | A6 | A7 | A1Control | A2Block name 1 |
| B3 | B4 | B5 | B6 | B7 | B1 | B2 |
| C3 | C4 | C5 | C6 | C7 | C1 | C2 |
| D3 | D4 | D5 | D6 | D7 | D1 | D2 |

64 cores – **31 blocks** duplicate + 2 Control/orientation blocks

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A1Control  | A2Block name 1 |  A3 | A4 | A5 | A6 | A7 | A8 |
| B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 |
| D1 | D2 | D3 | D4 | D5 | D6 | D7 | D8 |
| A6 | A7 | A8 | A1Control | A2Block name 1 |  A3 | A4 | A5 |
| B6 | B7 | B8 | B1 | B2 | B3 | B4 | B5 |
| C6 | C7 | C8 | C1 | C2 | C3 | C4 | C5 |
| D6 | D7 | D8 | D1 | D2 | D3 | D4 | D5 |

96 cores – **31 blocks** triplicate + 3 Control/orientation blocks

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A1Control  | A2Block name 1 |  A3 | A4 | A5 | A6 | A7 | A8 |
| B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 |
| D1 | D2 | D3 | D4 | D5 | D6 | D7 | D8 |
| A6 | A7 | A8 | A1Control | A2Block name 1 |  A3 | A4 | A5 |
| B6 | B7 | B8 | B1 | B2 | B3 | B4 | B5 |
| C6 | C7 | C8 | C1 | C2 | C3 | C4 | C5 |
| D6 | D7 | D8 | D1 | D2 | D3 | D4 | D5 |
| A4 | A5 | A6 | A7 | A8 | A1Control | A2Block name 1 |  A3 |
| B4 | B5 | B6 | B7 | B8 | B1 | B2 | B3 |
| C4 | C5 | C6 | C7 | C8 | C1 | C2 | C3 |
| D4 | D5 | D6 | D7 | D8 | D1 | D2 | D3 |