



Universitätsmedizin Essen

## Service request

Please submit your application to:  
Email: [biobank@uk-essen.de](mailto:biobank@uk-essen.de)  
Phone: 0201-723 1667



Page 1 of 3

Westdeutsche Biobank Essen  
Universitätsklinikum Essen  
Sekretariat Biobank  
Dekanat EG, Raum 0.003  
Hufelandstr.55  
45147 Essen

Service number  
(is filled out by WBE) \_\_\_\_\_/\_\_\_\_\_

### General information

<b>1</b>	<b>Application date</b>
<b>2</b>	<b>Applicant</b> Name: Institute/ Department: Address:  Email: Phone/Fax:
<b>3</b>	<b>Project description</b>
<b>4</b>	<b>Is there a biobank project available?</b> yes                      Project number:  no  Comments:

### Request for services

<b>5</b>	<b>Slide Scanning</b> <i>In the scanning service, your slides (76x26x1.1 mm) are scanned using a Leica Aperio ScanScope AT2 slide scanner using the transmitted light method. You can choose between 20x and 40x lens setting. We will return your tissue sections to you in digital form, stored on your own external hard drive.</i>  <i>The external storage media are checked for malware before use. If malware is found, the hard drives are handed over to IT for inspection.</i>  Number of slides:  <div style="display: flex; justify-content: space-around;"> <span>20x magnification</span> <span>40x magnification</span> </div> Comments:
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6

#### TMA blocks

*TMA blocks configured according to your requirements are produced on a TMA Grand Master (3DHISTECH) device. Various drilling and punching diameters are possible; the maximum possible number of tissue cylinders per block is determined by automatically recording the dimensions of the blocks (see table). Automatically generated preview images of the donor block, together with the synchronized digital section image, facilitate the creation of TMA blocks.*

Number of available donor blocks:

Are tissue sections available?      yes                      no

Number of TMA blocks to be produced:

Diameter of the fabric cylinders:

Punch size:

0.6 mm

1.0 mm

1.5 mm

2.0 mm

*Core number per block per punching diameter*

- 0.6 mm = 16x28 = 448 pieces
- 1.0 mm = 12x21 = 252 pieces
- 1.5 mm = 9x15 = 135 pieces
- 2.0 mm = 7x12 = 84 pieces

Comments:

7

#### Cutting

**Paraffin block**

**Cryo block**

Number of blocks:

Desired cutting thickness (µm):

Number of sections per slide:

Slides per block:

Comments:



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<b>8</b>	<b>DNA-Extraction</b>  Submitted material:  Number of samples:
<b>9</b>	<b>Publication references of the origin of biomaterial/data from the WBE</b> Following the decision of April 8, 2021, all users of biomaterial/data from the WBE must use the following text:  <b><i>Human biological samples and related data were provided by the Westdeutsche Biobank Essen (WBE, University Hospital Essen, University of Duisburg-Essen, Essen, Germany; approval WBE-ref.)"</i></b>  <i>(WBE-ref = Reference number of the WBE)</i> A copy of the publication must be made available to the WBE in a timely manner.  Noted <input type="checkbox"/>
<b>10</b>	<b>Cost center</b> Please indicate your F&L cost center for billing purposes. You will receive a template with the invoice information to initiate a third-party funding transfer to your DM account via the Central Third-Party Funding Service.  <input type="radio"/> <b>Household</b>
<b>11</b>	<b>Date, Signature applicant</b>