

Use of Data and Biospecimen of the DZHK Heart Bank

Secondary Use Projects

PART II – RESOURCE SPECIFICATIONS

**- SUBFORM C: Resource with Cardiovascular Tissue Specimen -**

The resource contains several cardiovascular tissue specimens as well as different types of blood specimens paired with a minimal clinical data set. For more information see [resource with tissue specimen](https://dzhk.de/en/dzhk-heart-bank/data-and-biospecimens/resource-with-tissue-specimen/) or contact us directly at [use.access@dzhk.de](mailto:use.access@dzhk.de).

****Assignment to the project****

Please indicate applicant name and project title for correct allocation to the project (according to application form part I).

|  |  |
| --- | --- |
| **Applicant name** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Project title** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

****Participant subset****

Please define the subset of participants you want to analyse.

If you need to split the subset into sub subsets according to some criteria, please make sure, this information is mentioned where necessary.

|  |  |  |
| --- | --- | --- |
| **1.1** | **Number of total cases** | n = \_\_\_\_\_\_ (min. \_\_\_\_\_\_, max. \_\_\_\_\_\_ ) |
| **1.2** | **Justification of feasibility** / required number of cases (e.g. power analysis, dropout) | |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| Calculated dropout | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **1.3** | **Inclusion and exclusion criteria**  Please specify all criteria participants should fulfil to be suitable for your analyses (e.g. 50-year-old males with diabetes and no heart failure). | |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

****Clinical data****

You will receive a defined phenotype data set.

biospecimens

Please specify the desired biospecimens per participant you are applying for.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **3.1** | **Type and quantity of requested biospecimen** | | | | | | |
|  |  | Type | | | | Quantity | Justification of quantity |
| ***Liquid specimen*** | | | | |  |  |
|  | EDTA plasma | | | | \_\_\_\_\_\_\_\_ µl | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | EDTA whole blood | | | | \_\_\_\_\_\_\_\_ µl | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | PAXgene | | | | \_\_\_\_\_\_\_\_ µl | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Cellular components of blood | | | | \_\_\_\_\_\_\_\_ µl | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| ***Tissue (frozen)*** | | | | |  |  |
|  | Aorta | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Internal mammary/thoracic artery | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Aortic valve | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Left ventricle (apex) | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Vein (bypass material) | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Mitral valve | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Radial artery | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Fatty tissue | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Right atrium | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Left ventricular outflow tract | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Left atrium | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Pericardium | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Right ventricle | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Ventricular septum | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Pulmonary artery | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | others | | | | \_\_\_\_\_\_\_\_ pcs | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **3.2** | **Per type: Exact description of each parameter that is to be determined using the biospecimens, including the intended preparation, pre-analytics and special analysis** | | | | | | |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
| Are genetic studies planned? | |  | | | | |
| In case of genetic studies, are genome-wide studies planned (e.g. whole genome sequencing)? | | |  | | | |
| **3.3** | **Laboratory resources for biospecimens analysis / proof of technical conditions**  (Personnel, know-how, equipment/devices, storage of biospecimens) | | | | | | |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
| **3.4** | **Specific requirements for biospecimens**  (e.g. "must not have been previously thawed") | | | | | | |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
|  | In case a transfer is necessary, please give an explanation. | | | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |