

# Change request

## Biobanksample

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<b>Dataset release</b>	2023.1	<b>Consulted expert</b>	-

### 1 Change request input / rationale

A biobank is a biorepository where biological samples (and associated data) are stored for use in research and clinical care. As the goal of a biobank is to ultimately provide access to samples for different studies, it is important that each sample could be traced back to their biobank of origin. The concept Biobanksample is currently composed by a sample identifier assigned to the sample once stored in a biobank and the sample itself. In order to link the sample to its Biobank, the name of the biobank would need to be part of the concept.

### 2 Comparison to other standards/data models

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### 3 Change content

#### 3.1 Currently released concept

Concept name	Description	Type	Standard	Value set	Meaning binding
<b>Biobanksample</b>	biosample stored in a biobank				
<b>sample identifier</b>	unique identifier of sample provided by the biobank	string			
<b>biosample</b>	any material sample taken from a biological entity for testing, diagnostic, propagation, treatment or research purposes	Biosample			

### 3.2 Proposed new concept

Concept name	Description	Type	Standard	Value set	Meaning binding
<b>Biobanksample</b>	biosample stored in a biobank				
<b>sample identifier</b>	unique identifier of sample provided by the biobank	string			
<b>biosample</b>	any material sample taken from a biological entity for testing, diagnostic, propagation, treatment or research purposes	Sample			
<b>biobank name</b>	name of the biobank where the sample is stored	string			

## 4 Pros and cons

### 4.1 Advantages

- The name of the biobank is readily available in the concept.

### 4.2 Disadvantages

- None.

## 5 Discussion

The addition of the biobank name allows us to readily identify the biobank associated with the sample identifier. Biobank names should reflect the official, fully spelled out, name of the biobank.