Samples_12092021

Study Documentation

September 20, 2021

Metadata Production

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Overview

Identification	Samples_12092021

Abstract

NIHR BioResource samples are held at the NIHR National Biosample Centre in Milton Keynes. Metadata on what is available should become available through the UK CRC Tissue Directory, as mandated by Research Tissue Bank status.

The NIHR IBD Bioresource comprises 34k participants with Inflammatory Bowel Disease (IBD), which include the members of the HDR UK IBD Hub. The NIHR BioResource acquires samples at recruitment for each participant recruited. The preferred sample collection is 3 blood tubes – see https://bioresourcesupport.org.uk/live-samples/ - from which DNA can be extracted, and plasma and sera stored. In many clinics, the NIHR BioResource blood draw follows immediately the blood collection for routine healthcare purposes. In the case of children, less blood will be taken, down to 1mL. The Technical Metadata describes the standard used by RD-Connect, the EU-wide Rare Disease biobank consortium - https://samples.rd-connect.eu/menu/main/home . During 2020, this will be replaced by an API from the UK CRC Tissue Directory, as using this discovery tool is a condition of running a Research Tissue Bank in the UK.

Countries	

Files Description

Dataset contains 1 file(s)

IBD_Inventory_NBC_12092021	
# Cases	31981
# Variable(s)	7

Variables List

Dataset contains 7 variable(s)

<table>
<tr><th colspan="8">File IBD_Inventory_NBC_12092021</th></tr>
<tr><th>#</th><th>Name</th><th>Label</th><th>Type</th><th>Format</th><th>Valid</th><th>Invalid</th><th>Question</th></tr>
<tr><td>1</td><td>Blood</td><td>Blood</td><td>discrete</td><td>character-3</td><td>31981</td><td>0</td><td>Has a blood sample been taken? Boolean flag (Y/N)</td></tr>
<tr><td>2</td><td>DNA</td><td>DNA</td><td>discrete</td><td>character-3</td><td>31981</td><td>0</td><td>Has a DNA sample been taken? Boolean flag (Y/N).</td></tr>
<tr><td>3</td><td>Notes</td><td>Notes</td><td>discrete</td><td>numeric.0</td><td>0</td><td>31981</td><td>-</td></tr>
<tr><td>4</td><td>Particip ..</td><td>ParticipantID</td><td>discrete</td><td>character-10</td><td>31981</td><td>0</td><td>Identifier (unique)</td></tr>
<tr><td>5</td><td>Plasma</td><td>Plasma</td><td>discrete</td><td>character-3</td><td>31981</td><td>0</td><td>Has a plasma sample been taken? Boolean flag (Y/N).</td></tr>
<tr><td>6</td><td>Plasmade ..</td><td>Plasma-depleted blood</td><td>discrete</td><td>character-3</td><td>31981</td><td>0</td><td>Is the blood sample taken plasma-depleted? Boolean flag (Y/N)</td></tr>
<tr><td>7</td><td>Serum</td><td>Serum</td><td>discrete</td><td>character-3</td><td>31981</td><td>0</td><td>Has a serum sample been taken? Boolean flag (Y/N).</td></tr>
</table>

Variables Description

Dataset contains 7 variable(s)

File : IBD_Inventory_NBC_12092021

Blood: Blood

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=31981 /-] [Invalid=0 /-]
Literal question	Has a blood sample been taken? Boolean flag (Y/N)

Value	Label	Cases	Percentage
Yes		20405	63.8%
no		11576	36.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

DNA: DNA

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=31981 /-] [Invalid=0 /-]
Literal question	Has a DNA sample been taken? Boolean flag (Y/N).

Value	Label	Cases	Percentage
Yes		25940	81.1%
no		6041	18.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Notes: Notes

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=31981 /-]

Value	Label	Cases	Percentage
Sysmiss		31981	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

ParticipantID: ParticipantID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=31981 /-] [Invalid=0 /-]
Literal question	Identifier (unique)

Plasma: Plasma

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=31981 /-] [Invalid=0 /-]
Literal question	Has a plasma sample been taken? Boolean flag (Y/N).

Value	Label	Cases	Percentage
Yes		26084	81.6%
no		5897	18.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Plasmadepletedblood: Plasma-depleted blood

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=31981 /-] [Invalid=0 /-]
Literal question	Is the blood sample taken plasma-depleted? Boolean flag (Y/N)

Value	Label	Cases	Percentage
Yes		2217	6.9%
no		29764	93.1%

File : IBD_Inventory_NBC_12092021

Plasmadepletedblood: Plasma-depleted blood

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Serum: Serum

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=31981 /-] [Invalid=0 /-]
Literal question	Has a serum sample been taken? Boolean flag (Y/N).

Value	Label	Cases	Percentage
Yes		29431	92.0%
no		2550	8.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.