

BIOLOGICAL SAMPLES AVAILABLE IN THL BIOBANK (27.1.2023)

Figures in the tables are estimates of the number of different sample types available. "YES" indicates that the sample type in question should be available for majority of the cohort. For subsets the number of each sample type is presented. For more detailed information, please contact THL Biobank at admin.biobank (at) thl.fi.

1. Population collections

Collection name (collection years)	N	DNA	Serum	Plasma*	Cells	Other sample types
Finnish Mobile Clinic Collections ⁽¹⁾ : baseline (1966–1972)	51 400	not collected	n=35 000	n=35 000	not collected	-
Finnish Mobile Clinic Collections ⁽¹⁾ : follow-up (1973–1976)	19 500	not collected	YES	n=10 000	not collected	-
Finnish Mobile Clinic Collections ⁽¹⁾ : Mini-Finland (1978-1980)	7200	n=1000 (collected in Health 2000/2011)	YES	YES	not collected	-
The National FINRISK Study ⁽²⁾ 1992	6000	YES	depleted	depleted	not collected	-
The National FINRISK Study ⁽²⁾ 1997	8300	YES	depleted	depleted	not collected	-
The National FINRISK Study ⁽²⁾ 2002	8700	YES	YES	YES (LH-plasma)	not collected	urine n=920
The National FINRISK Study ⁽²⁾ 2007	6200	YES	YES	YES	not collected	-
The National FINRISK Study ⁽²⁾ 2012	5800	YES	YES	YES	n=1800 (PBMC)	Blood/Paxgene n=2700, urine n=400
The National FINRISK Study ⁽²⁾ : Kuusamo Health Examination 2011	250	YES	YES	YES	n=250 (PBMC)	-
The National FINRISK Study ⁽²⁾ : DILGOM 2007 (participants selected from FINRISK 2007)	5000	YES (collected in FINRISK 2007)	YES	YES	not collected	-
The National FINRISK Study ⁽²⁾ : DILGOM 2014 (recall of DILGOM 2007 participants)	1300	YES	YES	YES	n=600 (PBMC)	-
Health 2000 Survey ⁽³⁾	7700	YES	YES	YES (LH-plasma)	not collected	spot urine n=6200, stool n=800, saliva n=1300
Health 2011 Survey ⁽³⁾ (4200 participants overlapping with Health 2000)	5100	900 new samples (others collected in Health 2000)	YES	YES	not collected	-
National FinHealth 2017 Study	6600	YES	YES	YES	not collected	24 h urine n=380, spot urine n=1540

* EDTA-Plasma, unless otherwise mentioned.

⁽¹⁾ In total ~60 000 individual sample donors in Finnish Mobile Clinic Collections.

⁽²⁾ In total ~35 000 individual sample donors in The National FINRISK Study.

⁽³⁾ In total ~8600 individual sample donors in Health 2000 and 2011 Surveys.

2. Disease-specific collections

Collection name (collection years)	N	DNA	Serum	Plasma*	Cells	Other sample types
THL Psychiatric Family Collections ⁽⁴⁾ : schizophrenia (1994-2008)	3300	YES	not collected	not collected	n=55 (B-lymphocyte lines)	-
THL Psychiatric Family Collections ⁽⁴⁾ : bipolar disorder (1994-2004)	650	YES	not collected	not collected	n=35 (B-lymphocyte lines)	-
SUPER Study (2015-2018)	9300	YES	YES	YES	n=4900 (PBMC)	Blood/Paxgene n=1450
Migraine Family Study (1992-)	9700	YES	not collected	not collected	not collected	-
THL Diabetes Studies (1986-2013)	13 500	YES	n=9200	not collected	n=3900 (PBL/mononuclear cells)	-
The Botnia Study (1990-)	15 200	n=5700	n=2500	n=2500	not available in biobank	buffy coat (not live) n=1000
Corogene Study (2006-2008)	5300	YES	not available in biobank	not available in biobank	not collected	-
FinnishIPF Study (2017-)	330	YES	n=170	not collected	n=170 (PBMC)	-
Fusion Study (1994-2013)	15 000	YES	not available in biobank	not available in biobank	n=90 (fibroblasts)	skin biopsy n=300 (can be used for fibroblast production)

* EDTA-Plasma.

⁽⁴⁾ In total ~4000 individual sample donors in THL Psychiatric Family Collections.

3. Other research collections

Collection name (collection years)	N	DNA	Serum	Plasma*	Cells	Other sample types
GeneRISK Study (2015-2018)	7300	YES	YES	YES	not collected	-
Twin Study (1975-2012)	14 000	YES	not available in biobank	not available in biobank	not collected	-
Helsinki Heart Study (1981-1990)	4000	YES	not available in biobank	not available in biobank	not collected	-
ATBC Study / "SETTI" (1984—1993)	29 000	n=19 000	not available in biobank	not collected	not collected	-
FinHIT Study (2011-)	5500	YES (from saliva)	not collected	not collected	not collected	-

* EDTA-Plasma.