

*Mediciones y biobanco*

# *Measurements **G**rowth & **O**besity Chilean **C**ohort **S**tudy (**GOCS**)*

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- **From Birth Until 3y (retrospective)**
  - Basic Socio-demographic Information
  - Basic Anthropometry
  - Maternal & Pregnancy Health Info
- **From 3y until 6.5 y (~ B1):**
  - Basic Socio-demographic Information
  - Detailed Anthropometry
  - Body Composition: deuterium, bodpod, BIA
  - Physical Activity & Feeding Behavior
  - Blood Sample: metabolic, hormonal & inflammatory markers



# *Measurements **G**rowth & **O**besity **C**hilean **C**ohort **S**tudy (**G**OCS)*

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- Puberty ( T2 & T4):
  - Basic Socio-demographic Information
  - Detailed Anthropometry
  - Body Composition: BIA & DXA (T4)
  - **Physical Pubertal Changes: Tanner & US-Bone Age**
  - Physical Activity & Feeding Behavior
  - **Blood Pressure**
  - **24-hour recalls**
  - **Breast DXA**
  - Blood Sample: metabolic, inflammatory & hormonal markers
  - **Urine Samples**
  - **DNA extraction from buffy coat**
  - **Saliva Samples ( subsamples of girls)**
  - **RNA ( subsample of girls)**



# *Measurements **Growth & Obesity***

## ***Chilean Cohort Study (GOCS)***

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- Post-Puberty:
  - Basic Socio-demographic Information
  - Detailed Anthropometry
  - Body Composition: BIA & DXA
  - Age at Menarche and Menstrual Cycle
  - Feeding Behavior
  - **Tabaco, Drug, and Alcohol Intake**
  - **Basic Mental Health Scales**
  - Blood Pressure
  - 24-hour recalls
  - Breast DXA
  - **Gynecological Ultrasound ( girls)**
  - **Abdominal Ultrasound**
  - Blood Sample: metabolic, inflammatory & hormonal markers
  - Urine Samples
  - DNA extraction from buffy coat
  - **Microbiota**



# Unidad de Procesamiento y Almacenamiento de Muestras (UPAM)



Alicuota S1  
Ingreso- Almacenamiento 2

Folio	Rac k N°	Caj a N°	Casill er N°	Freezer -80° N°	Gaveta N°	Nivel o bandeja	Observaciones: Si/No-hay /no hay alícuota
10713	14	261	64	5	2	inferior	si
10799	14	261	65	5	2	inferior	si
10546	14	261	66	5	2	inferior	si
10576	14	261	67	5	2	inferior	si
10673	14	261	68	5	2	inferior	si
10768	14	261	69	5	2	inferior	si
10801	14	261	70	5	2	inferior	si
10532	14	261	71	5	2	inferior	si
10574	14	261	72	5	2	inferior	si
10617	14	261	73	5	2	inferior	si
10703	14	261	74	5	2	inferior	si
10727	14	261	75	5	2	inferior	si
10802	14	261	76	5	2	inferior	si
10812	14	261	77	5	2	inferior	si
10676	14	261	78	5	2	inferior	si

