

# Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

## HP-25078-01

RRID:SAMN47541014

Type: Biosample

### Proper Citation

IIDP, Cat# , RRID:SAMN47541014

### Biosample Information

**URL:** <https://www.ncbi.nlm.nih.gov/biosample/?term=SAMN47541014>

**Proper Citation:** IIDP, Cat# , RRID:SAMN47541014

**Sex:** male

**Species:** Homo sapiens

**Disease:** Non-Diabetic

**Vendor:** City of Hope National Medical Center, Diabetes & Metabolism Research Institute

**Comments:** Human pancreatic islets were isolated using standardized procedures established at each manufacturing laboratory. Preparations were then distributed through the IIDP for use in scientific studies.,

**Age:** 45.00 Years

**Tissue:** Pancreas

**Biosample Name:** HP-25078-01

**NCBI Biosample ID:** SAMN47541014

**Cross References:** NCBI.BIOPROJECT:PRJNA431627

**Record Creation Time:** 20250329T120005+0000

**Record Last Update:** 20260829T172847+0000

### Ratings and Alerts

No rating or validation information has been found for HP-25078-01.

No alerts have been found for HP-25078-01.

---

## Data and Source Information

**Source:** [NCBI Biosample](#)

---

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Dickerson MT, et al. (2026) Glycolytic activation of  $\beta$ -cell  $\text{Na}^+/\text{K}^+$ -ATPases containing  $\beta 1$ -subunits accelerates  $\text{Na}^+$  extrusion, prolonging the duration of  $\text{Ca}^{2+}$  oscillations but decreasing insulin secretion. Molecular metabolism, 103, 102296.