

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

## HPAP-087

RRID:SAMN19842616

Type: Biosample

### Proper Citation

HPAP, Cat# HPAP-087, RRID:SAMN19842616

### Biosample Information

**URL:** <https://www.ncbi.nlm.nih.gov/biosample/?term=SAMN19842616>

**Proper Citation:** HPAP, Cat# HPAP-087, RRID:SAMN19842616

**Sex:** female

**Species:** Homo sapiens

**Disease:** Type 1 diabetes mellitus

**Vendor:** University of Pennsylvania

**Age:** 15

**Tissue:** Pancreas

**Biosample Name:** HPAP-087

**NCBI Biosample ID:** SAMN19842616

**Cross References:** NCBI.BIOPROJECT:PRJNA718330

**Record Creation Time:** 20240718T001104+0000

**Record Last Update:** 20260808T180423+0000

### Ratings and Alerts

No rating or validation information has been found for HPAP-087.

No alerts have been found for HPAP-087.

### Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Medina-Serpas MA, et al. (2026) Spatial transcriptomics from pancreas and local draining lymph node tissue reveals a lymphotoxin-?? signature in human type 1 diabetes. Cell reports, 45(4), 117144.