

Resource Summary Report

Generated by [RRID](#) on Sep 20, 2026

HPAP-048

RRID:SAMN19776479

Type: Biosample

Proper Citation

HPAP, Cat# HPAP-048, RRID:SAMN19776479

Biosample Information

URL: <https://www.ncbi.nlm.nih.gov/biosample/?term=SAMN19776479>

Proper Citation: HPAP, Cat# HPAP-048, RRID:SAMN19776479

Sex: male

Species: Homo sapiens

Disease: Type 1 diabetes mellitus

Vendor: University of Pennsylvania

Age: 27

Tissue: Pancreas

Biosample Name: HPAP-048

NCBI Biosample ID: SAMN19776479

Cross References: NCBI.BIOPROJECT:PRJNA718330

Record Creation Time: 20240718T001140+0000

Record Last Update: 20260919T185550+0000

Ratings and Alerts

No rating or validation information has been found for HPAP-048.

No alerts have been found for HPAP-048.

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 [RRID](#) .

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.