

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

nanoPOTS

RRID:SCR_017129

Type: Tool

Proper Citation

nanoPOTS (RRID:SCR_017129)

Resource Information

URL: <https://www.nature.com/articles/s41467-018-03367-w>

Proper Citation: nanoPOTS (RRID:SCR_017129)

Description: Nanodroplet processing platform for deep and quantitative proteome profiling of 10 to 100 mammalian cells. It enhances efficiency and recovery of sample processing by downscaling processing volumes.

Resource Type: instrument resource

Defining Citation: [PMID:29491378](https://pubmed.ncbi.nlm.nih.gov/29491378/)

Keywords: nanodroplet, processing, platform, quantitative, proteome, profiling, analysis, mammalian, cell, small, volume

Funding: NIBIB R21 EB020976;
NCI R33 CA225248;
NIGMS P41 GM103493;
NIDDK UC4 DK104167;
NIDDK DP3 DK110844;
NIH Office Of The Director S10 OD016350;
JDRF

Resource Name: nanoPOTS

Resource ID: SCR_017129

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260808T190104+0000

Ratings and Alerts

No rating or validation information has been found for nanoPOTS.

No alerts have been found for nanoPOTS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ives AN, et al. (2025) Single-cell nanodroplet processing proteomics pipeline for analysis of human-derived microglia. bioRxiv : the preprint server for biology.