

# Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

## Thermo Fisher: NanoDrop One/OneC Microvolume UV Vis Spectrophotometer

RRID:SCR\_023005

Type: Tool

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### Proper Citation

Thermo Fisher: NanoDrop One/OneC Microvolume UV Vis Spectrophotometer  
(RRID:SCR\_023005)

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### Resource Information

**URL:** <https://www.thermofisher.com/eg/en/home/industrial/spectroscopy-elemental-isotope-analysis/molecular-spectroscopy/uv-vis-spectrophotometry/instruments/nanodrop/instruments/nanodro-one.html>

**Proper Citation:** Thermo Fisher: NanoDrop One/OneC Microvolume UV Vis Spectrophotometer (RRID:SCR\_023005)

**Description:** Benchtop spectrophotometer designed for DNA, RNA, and protein quantification, one sample at time using only 1–2 uL of sample without dilution, even for highly concentrated samples.

**Synonyms:** NanoDrop™ One/OneC Microvolume UV-Vis Spectrophotometer, NanoDrop One OneC Microvolume UV Vis Spectrophotometer

**Resource Type:** instrument resource

**Keywords:** Instrument, Equipment, USEDit, NanoDrop, Spectrophotometer, Thermo Scientific, 1 ul sample, 2 uL sample

**Resource Name:** Thermo Fisher: NanoDrop One/OneC Microvolume UV Vis Spectrophotometer

**Resource ID:** SCR\_023005

**Record Creation Time:** 20221129T050146+0000

**Record Last Update:** 20260801T190808+0000

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### Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: NanoDrop One/OneC Microvolume UV Vis Spectrophotometer.

No alerts have been found for Thermo Fisher: NanoDrop One/OneC Microvolume UV Vis Spectrophotometer.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

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

DiPietro E, et al. (2025) Expression of DNAJB1-PRKACA oncogene suppresses the differentiation potential of liver progenitor organoids towards a hepatocyte lineage. Scientific reports, 15(1), 25796.

Ramponi V, et al. (2025) H4K20me3-Mediated Repression of Inflammatory Genes Is a Characteristic and Targetable Vulnerability of Persister Cancer Cells. Cancer research, 85(1), 32.

Yi E, et al. (2025) Selective Depletion of Cancer Cells with Extrachromosomal DNA via Lentiviral Infection. Cancer research communications, 5(8), 1458.

Okechukwu CC, et al. (2025) CF10/LV overcomes acquired resistance to 5-FU/LV in colorectal cancer cells through downregulation of the c-Myc/ABCB5 axis. Cancer drug resistance (Alhambra, Calif.), 8, 35.

Mattavelli G, et al. (2025) A TLR4-dependent fibroblast-monocyte axis in tumor-draining lymph nodes contributes to metastasis in triple-negative breast cancer. Immunity.

Urai S, et al. (2025) Challenges in diagnosing paraneoplastic isolated adrenocorticotrophic hormone deficiency: Insights from cancer histology and human leukocyte antigen analysis. Journal of neuroendocrinology, e70074.

d'Uscio LV, et al. (2025) Expression and function of  $\beta$ -site amyloid precursor protein-cleaving enzyme 2 in vascular endothelium. American journal of physiology. Heart and circulatory physiology, 329(2), H291.

VandenHeuvel SN, et al. (2025) Decellularized Extracellular Matrix Scaffolds to Engineer the Dormant Landscape of Microscopic Colorectal Cancer Liver Metastasis. Advanced healthcare materials, e01791.

Streppay D, et al. (2024) Transgenic Tg(Kcnj10-ZsGreen) fluorescent reporter mice allow visualization of intermediate cells in the stria vascularis. Scientific reports, 14(1), 3038.

Ferreira AFF, et al. (2024) Neurodegeneration and glial morphological changes are both prevented by TRPM2 inhibition during the progression of a Parkinson's disease mouse model. *Experimental neurology*, 377, 114780.

Wan S, et al. (2024) SPARC Stabilizes ApoE to Induce Cholesterol-Dependent Invasion and Sorafenib Resistance in Hepatocellular Carcinoma. *Cancer research*, 84(11), 1872.

Fell CW, et al. (2024) Precise kilobase-scale genomic insertions in mammalian cells using PASTE. *Nature protocols*.

Ferrari RR, et al. (2024) A Map of Transcriptomic Signatures of Different Brain Areas in Alzheimer's Disease. *International journal of molecular sciences*, 25(20).

Mahadev Bhat S, et al. (2024) Heterogeneous distribution of mitochondria and succinate dehydrogenase activity in human airway smooth muscle cells. *FASEB bioAdvances*, 6(6), 159.

Streptay D, et al. (2023) Transgenic Tg(Kcnj10-ZsGreen) Fluorescent Reporter Mice Allow Visualization of Intermediate Cells in the Stria Vascularis. *Research square*.

Fait A, et al. (2023) Evolutionary history of *Staphylococcus aureus* influences antibiotic resistance evolution. *Current biology : CB*, 33(16), 3389.

Sandouka S, et al. (2023) Nrf2 is expressed more extensively in neurons than in astrocytes following an acute epileptic seizure in rats. *Journal of neurochemistry*, 165(4), 550.

Kamal A, et al. (2023) Long non-coding RNAs BACE1-AS and BC200 in multiple sclerosis and their relation to cognitive function: A gene expression analysis. *Brain research*, 1814, 148424.

McCarthy JJ, et al. (2010) Anabolic and catabolic pathways regulating skeletal muscle mass. *Current opinion in clinical nutrition and metabolic care*, 13(3), 230.