

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

Nikon: E800

RRID:SCR_020326

Type: Tool

Proper Citation

Nikon: E800 (RRID:SCR_020326)

Resource Information

URL: <https://www.microscopyu.com/museum/eclipse-e798>

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Description: Building upon the success of the popular CF160 optical system (60-millimeter parfocal distance and 25-millimeter objective thread size) first installed on the Eclipse E600, Nikon has moved a step further by introducing ultra-low magnification objectives and has increased the standard field of view to 25 millimeters. Introduced with the Eclipse E800 was a plan 0.5x magnification objective, which accommodates a 50-millimeter field of view at the unprecedented magnification of 0.5x. When coupled with a 2x projection lens, the 0.5x objective permits macrophotography at 1:1 magnification (in effect, actual size documentation). The new macro objective lens is particularly useful for investigating large specimens such as brain slices, developing embryos, and extensive tissue sections. This objective is easily accommodated into the microscope without major re-configuration, and is interchangeable with other objectives on a standard rotating nosepiece.

Resource Type: instrument resource

Keywords: Nikon, Epifluorescent Microscope, Hyperspectral Microscope, Instrument Equipment, USEDit

Availability: Commercially available

Resource Name: Nikon: E800

Resource ID: SCR_020326

Alternate IDs: Model_Number_E800

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260725T190927+0000

Ratings and Alerts

No rating or validation information has been found for Nikon: E800.

No alerts have been found for Nikon: E800.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Andr?? AC, et al. (2025) Proteoglycofilin are glycosaminoglycan-containing fibrillar components released by neutrophils to neutralize bacteria. Cell reports, 44(11), 116541.

Sturgeon R, et al. (2025) Neutrophil Dynamics Contribute to Disease Progression and Poor Survival in Pancreatic Cancer. Cancers, 17(21).

Yee CS, et al. (2024) The osteocytic actions of glucocorticoids on bone mass, mechanical properties, or periacinar remodeling outcomes are not rescued by PTH(1-34). Frontiers in endocrinology, 15, 1342938.

Villanueva-Carmona T, et al. (2023) SUCNR1 signaling in adipocytes controls energy metabolism by modulating circadian clock and leptin expression. Cell metabolism, 35(4), 601.

Nagano K, et al. (2022) R-spondin 3 deletion induces Erk phosphorylation to enhance Wnt signaling and promote bone formation in the appendicular skeleton. eLife, 11.

Wright A, et al. (2021) Lysine methyltransferase 2D regulates muscle fiber size and muscle cell differentiation. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(11), e21955.