

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

Automate Scientific: Brain Slice Keeper 4

RRID:SCR_018943

Type: Tool

Proper Citation

Automate Scientific: Brain Slice Keeper 4 (RRID:SCR_018943)

Resource Information

URL: <https://autom8.com/shop/brain-slice-tissue-chambers/brain-slice-incubators/brain-slice-keeper-4/>

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Description: Slice keeper holds four sets of brain slices and features container with lid and integrated air stone for bubbling carbogen into ACSF, needle valve for adjusting gas flow included, and curved bottom designed to keep bubbles away from slices while promoting fresh solution flow over slices.

Abbreviations: BSK-4

Resource Type: instrument resource

Keywords: Slice Keeper, Slice Incubator, brain slices, container, instrument, equipment

Availability: Restricted

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_018943.pdf

Resource Name: Automate Scientific: Brain Slice Keeper 4

Resource ID: SCR_018943

Alternate URLs: <https://autom8.com/wp-content/uploads/2016/07/AM-bsk4flyer.pdf>

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260731T043037+0000

Ratings and Alerts

No rating or validation information has been found for Automate Scientific: Brain Slice Keeper 4.

No alerts have been found for Automate Scientific: Brain Slice Keeper 4.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Nayana J, et al. (2024) Repeated finasteride administration promotes synaptic plasticity and produces antidepressant- and anxiolytic-like effects in female rats. Journal of neuroscience research, 102(3), e25306.

Salaka RJ, et al. (2021) Enriched environment ameliorates chronic temporal lobe epilepsy-induced behavioral hyperexcitability and restores synaptic plasticity in CA3-CA1 synapses in male Wistar rats. Journal of neuroscience research, 99(6), 1646.

Subhadeep D, et al. (2021) Exposure to Short Photoperiod Regime Restores Spatial Cognition in Ventral Subicular Lesioned Rats: Potential Role of Hippocampal Plasticity, Glucocorticoid Receptors, and Neurogenesis. Molecular neurobiology, 58(9), 4437.