

Resource Summary Report

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Image Reader LAS-1000

RRID:SCR_014585

Type: Tool

Proper Citation

Image Reader LAS-1000 (RRID:SCR_014585)

Resource Information

URL: http://www.imb.sinica.edu.tw/core/publicfacilities/pdf/LAS-1000plus_om_e_ver2.pdf

Proper Citation: Image Reader LAS-1000 (RRID:SCR_014585)

Description: A software which is used to control the LAS-1000plus luminescent image analyzer. This software adjusts the focus, exposure time, sensitivity, and cooling temperature, and will record the data after the sample is scanned.

Resource Type: data acquisition software, data processing software, software application, software resource

Keywords: image analyzer, exposure, focus, sensitivity, cooling temperature, data, software

Availability: Commercial, Paired with a scanning system

Resource Name: Image Reader LAS-1000

Resource ID: SCR_014585

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260821T194024+0000

Ratings and Alerts

No rating or validation information has been found for Image Reader LAS-1000.

No alerts have been found for Image Reader LAS-1000.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Ntourmas S, et al. (2024) Endogenous oligomer formation underlies DVL2 condensates and promotes Wnt/ β -catenin signaling. *eLife*, 13.

Klement K, et al. (2023) Phosphorylation of axin within biomolecular condensates counteracts its tankyrase-mediated degradation. *Journal of cell science*, 136(20).

Oehler J, et al. (2023) Gene duplication and deletion caused by over-replication at a fork barrier. *Nature communications*, 14(1), 7730.

Miete C, et al. (2022) G β 2-induced conductin/axin2 condensates inhibit Wnt/ β -catenin signaling and suppress cancer growth. *Nature communications*, 13(1), 674.

Duart G, et al. (2022) Intra-Helical Salt Bridge Contribution to Membrane Protein Insertion. *Journal of molecular biology*, 434(5), 167467.

Hamel Y, et al. (2021) Compromised mitochondrial quality control triggers lipin1-related rhabdomyolysis. *Cell reports. Medicine*, 2(8), 100370.

Wawrzczak-Bargieła A, et al. (2020) Neuropathic Pain Dysregulates Gene Expression of the Forebrain Opioid and Dopamine Systems. *Neurotoxicity research*, 37(4), 800.

Bañó-Polo M, et al. (2020) Insertion of Bacteriorhodopsin Helix C Variants into Biological Membranes. *ACS omega*, 5(1), 556.

Duart G, et al. (2020) SARS-CoV-2 envelope protein topology in eukaryotic membranes. *Open biology*, 10(9), 200209.

Bañó-Polo M, et al. (2018) Transmembrane but not soluble helices fold inside the ribosome tunnel. *Nature communications*, 9(1), 5246.

Viterbo D, et al. (2018) A fast, sensitive and cost-effective method for nucleic acid detection using non-radioactive probes. *Biology methods & protocols*, 3(1), bpy006.

Chen X, et al. (2018) Tc17/IL-17A Up-Regulated the Expression of MMP-9 via NF- κ B Pathway in Nasal Epithelial Cells of Patients With Chronic Rhinosinusitis. *Frontiers in immunology*, 9, 2121.

Langley RJ, et al. (2017) Staphylococcal enterotoxin-like X (SEIX) is a unique superantigen with functional features of two major families of staphylococcal virulence factors. *PLoS pathogens*, 13(9), e1006549.

Snapp EL, et al. (2017) Structure and topology around the cleavage site regulate post-translational cleavage of the HIV-1 gp160 signal peptide. *eLife*, 6.

Brock CM, et al. (2017) Characterization of the inner membrane protein BB0173 from *Borrelia burgdorferi*. *BMC microbiology*, 17(1), 219.

Baeza-Delgado C, et al. (2016) Biological insertion of computationally designed short transmembrane segments. *Scientific reports*, 6, 23397.

Haynes RL, et al. (2016) Serotonin Receptors in the Medulla Oblongata of the Human Fetus and Infant: The Analytic Approach of the International Safe Passage Study. *Journal of neuropathology and experimental neurology*, 75(11), 1048.

Gehring KB, et al. (2016) Abundance of phosphorylated *Apis mellifera* CREB in the honeybee's mushroom body inner compact cells varies with age. *The Journal of comparative neurology*, 524(6), 1165.

Cannon G, et al. (2014) Early activation of MAP kinases by influenza A virus X-31 in murine macrophage cell lines. *PloS one*, 9(8), e105385.

Hsieh TY, et al. (2014) Monitoring protein misfolding by site-specific labeling of proteins in vivo. *PloS one*, 9(6), e99395.