

Resource Summary Report

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Azure Biosystems: 600 Western Blot Imaging System

RRID:SCR_023780

Type: Tool

Proper Citation

Azure Biosystems: 600 Western Blot Imaging System (RRID:SCR_023780)

Resource Information

URL: <https://azurebiosystems.com/azure-600/>

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Description: System offers two channel, laser based IR and chemiluminescent detection, with speed and sensitivity of film, with ability to image visible fluorescent dyes, standard EtBr and protein gels, and infrared laser excitation for quantitative Western blot imaging in NIR.

Abbreviations: AZURE 600

Resource Type: instrument resource

Keywords: USEDit, Western Blot, imaging, chemiluminescent detector, fluorescence detector,

Availability: Restricted

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_023780.pdf

Resource Name: Azure Biosystems: 600 Western Blot Imaging System

Resource ID: SCR_023780

Alternate IDs: Model_Number_Azure_600

Record Creation Time: 20230713T050225+0000

Record Last Update: 20260905T133026+0000

Ratings and Alerts

No rating or validation information has been found for Azure Biosystems: 600 Western Blot Imaging System.

No alerts have been found for Azure Biosystems: 600 Western Blot Imaging System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Wehle DT, et al. (2026) Dissociation of the mTOR Protein Interaction Network Following Neuronal Activation Is Altered by Shank3 Mutation. *Journal of neurochemistry*, 170(1), e70353.

McAlister KW, et al. (2026) 5-Hydroxytryptamine 2B receptor antagonism restores ATP and reduces tubulointerstitial fibrosis in the renal cortices of aged mice. *The Journal of pharmacology and experimental therapeutics*, 393(5), 104321.

Amorim R, et al. (2026) Mitochondria-targeted antioxidant AntiOxBEN2 prevents metabolic dysfunction-associated steatotic liver disease (MASLD) by enhancing fatty acid oxidation and mitochondrial bioenergetics. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 196, 119022.

Thompson AD, et al. (2025) 5-Hydroxytryptamine 1F receptor loss reduces renal vasculature and prevents lasmiditan-induced recovery following moderate-severe acute kidney injury in mice. *American journal of physiology. Renal physiology*, 329(6), F834.

Shu S, et al. (2025) Histone Deacetylase 6 Controls Atrial Fibrosis and Remodeling in Postinfarction Mice Through the Modulation of Wnt3a/GSK-3 β Signaling. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(10), e70650.

Carpenter MA, et al. (2024) Protocol for immunodot blot detection of UVB photoproducts in extracellular DNA. *STAR protocols*, 5(1), 102838.

Sulsenti R, et al. (2024) Intracellular Osteopontin Promotes the Release of TNF α by Mast Cells to Restrain Neuroendocrine Prostate Cancer. *Cancer immunology research*, 12(9), 1147.