

Resource Summary Report

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Cajun Ejector

RRID:SCR_027846

Type: Tool

Proper Citation

Cajun Ejector (RRID:SCR_027846)

Resource Information

URL: <https://3d.nih.gov/entries/3DPX-017520>

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Description: Shipping Dewar Positional Cooling Device (SDPCD) is 3-D printable vertical cooling device that can assist cryopreservation with various standard cooling rates by use with existing standard nitrogen vapor shipping dewars for on-site sperm cryopreservation for aquatic species. Device could hold 22 French straws (0.25-mL or 0.5-mL) and a quick-release ring design could eject straws directly into a canister inside a dewar by pressing a button after freezing. The final prototypes produced cooling rates of 1 to 68°C/min for 0.25-mL straws, and 3 to 37°C/min for 0.5-mL straws with a material cost of 3.5 USD for a single device

Synonyms: , NIAID 3D Cajun Ejector, NIH 3D Cajun Ejector, Shipping Dewar Positional Cooling Device (SDPCD)

Resource Type: instrument resource

Defining Citation: [PMID:36777239](#)

Keywords: NIH 3D, cooling device, open-hardware, cryopreservation, sperm cryopreservation, aquatic species, 3D print,

Funding: NIH Office of the Director R24 OD010441;
NIH Office of the Director R24 OD011120;
Louisiana State University ;
National Institute of Food and Agriculture ;
United States Department of Agriculture

Availability: Free, Available for download, Freely available,

Resource Name: Cajun Ejector

Resource ID: SCR_027846

Record Creation Time: 20260106T055930+0000

Record Last Update: 20260801T191433+0000

Ratings and Alerts

No rating or validation information has been found for Cajun Ejector.

No alerts have been found for Cajun Ejector.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.