

Obrazec za popis raziskovalne opreme/ Research equipment inventory form

naziv opreme/ name of equipment	Aspiracijski sistem FTA-2i / FTA-2i / Flask-trap aspirator (SIA Biosan, Latvia)
letnik izdelave / year of manufacture	Datum nabave 2021
tehnični opis opreme in uporaba pri raziskavah/ technical description of equipment and use in research	<p>Aspiracijski sistem z lovilno posodo FTA-2i je zasnovan za odstranjevanje tekočin iz reakcijskih posod (npr. odstranjevanje suspenzije celic iz mikrotitrne plošče). Naprava deluje po principu ustvarjanja negativnega tlaka v lovilni posodi z vgrajenim mikrokompresorjem. Ko je zbiralna konica v stiku z raztopino, se iz reakcijske posode odstrani tekočina. Zbiralna konica je s polietilensko cevjo povezana z lovilno posodo, s senzorjem nivoja tekočine.</p> <p>Aspirator with trap flask FTA-2i is designed for aspiration or removal of liquid from reaction vessels (e.g. suspension aspiration from microtiter plates). . Aspirator operation principle is based on creating negative pressure in trapping flask using built-in microcompressor. The collecting tip is connected with polyethylene tube to the trapping flask with a a level sensor that detects excess liquid.</p>
Pri katerem projektu je oprema bila ali se trenutno uporablja/ In which project was the equipment used or is currently in use	<p>Naprava bo uporabljena pri raziskovalnem delu na področju tvorbe in odpornosti mikrobnega biofilma, predvsem s hrano povezanih patogenih mikroorganizmov. Slednje je v skladu z delom na programu ARRS: Zdravje živali, okolje in varna hrana (P4-0092).</p> <p>Mainly, the device will be used for research work in the field of microbial biofilm. The latter is in accordance with the ARRS program: Animal Health, Environment and Food Safety (P4-0092).</p>
Lokacija opreme / Location of equipment	Mikrobiološki laboratorij, FVZ / Microbiology laboratory, Faculty of Health Sciences
Kdo opremo uporabljaja (raziskovalec ali oddelek)/ Who of using equipment (researcher or department)	Opremo uporabljamo raziskovalci katedre za Dietetiko in prehransko svetovanje in katedre za Zdravstveno nego / Equipment is used by the researchers of the departments Nutritional Counseling – Dietetic and department of Nursing,

Fotografije opreme/ equipment photos



Kontaktna oseba za opremo/ Contact person for the equipment

Katja Bezek

Dodatne opombe/ Additional notes

Za lažje in bolj nadzorovano delo je poleg sistema še ročni operator z več nastavki.

Več : <https://biosan.lv/products/fta-2i-aspirator-with-trap-flask/>

/ For higher efficiency and usability there is an additional hand operator with multiple settings.

More: <https://biosan.lv/products/fta-2i-aspirator-with-trap-flask/>