## **Resource Summary Report**

Generated by dkNET on Apr 25, 2025

# Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility

RRID:SCR\_022169

Type: Tool

## **Proper Citation**

Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility (RRID:SCR\_022169)

#### Resource Information

URL: https://vtpb.tamu.edu/flow-cytometry/

**Proper Citation:** Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility (RRID:SCR\_022169)

**Description:** Provides flow cytometry experimental design, data collection, data analysis and cell sorting services; training for flow cytometers, imaging flow cytometer, and data analysis using IDEAS and FlowJo software;staff assisted flow cytometry and imaging flow cytometry data acquisition, cell sorting, and data analysis, experimental design and consultation services. FCF currently has Beckman Coulter Moflo Astrios cell sorter, Luminex/Amnis Image Stream X Mark II, Luminex/Amnis Cell Stream, and Becton Dickinson Accuri C6 flow cytometer. Astrios cell sorter is housed in ClassII BSC and has 3 lasers (405nm, 488nm, 642nm) and 11 detectors and can sort up to 6 populations simultaneously. Image Stream X Mark II is equipped with 20x, 40x, 60x objectives, 4 lasers (405nm, 488nm, 561nm, 642nm), 10 detection channels, EV mode for small particle detection, and an autosampler.Cell Stream is equipped with 3 lasers (405nm, 488nm, 642nm), 13 detection channels, EV mode for small particle detection, and autosampler. Accuri C6 is equipped with 2 lasers (488nm, 642nm), and 4 detection channels.

**Synonyms:** TAMU Flow Cytometry Facility, Texas A&M University TAMU Flow Cytometry Facility

Resource Type: service resource, access service resource, core facility

Keywords: USEDit, ABRF, flow cytometry, cell sorting services, experimental design, data

collection, data analysis

**Funding:** 

Availability: open

Resource Name: Texas A and M University College of Veterinary Medicine and Biomedical

Sciences Flow Cytometry Core Facility

Resource ID: SCR\_022169

Alternate IDs: ABRF\_1338

Alternate URLs: https://coremarketplace.org/?FacilityID=1338

**Record Creation Time:** 20220421T050139+0000

Record Last Update: 20250425T060440+0000

### **Ratings and Alerts**

No rating or validation information has been found for Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility.

No alerts have been found for Texas A and M University College of Veterinary Medicine and Biomedical Sciences Flow Cytometry Core Facility.

#### **Data and Source Information**

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at <u>dkNET</u>.

Ma J, et al. (2025) Oxygen/Nitric Oxide Dual-Releasing Nanozyme for Augmenting TMZ-Mediated Apoptosis and Necrosis. Molecular pharmaceutics, 22(1), 168.

da Silveira BP, et al. (2024) Impact of surface receptors TLR2, CR3, and Fc?RIII on Rhodococcus equi phagocytosis and intracellular survival in macrophages. Infection and immunity, 92(1), e0038323.