

**UNIVERSITY OF HAWAI'I  
NOTICE OF EXEMPTION CHAPTER 103D, HRS**

The Chief Procurement Officer, University of Hawai'i, is in the process of reviewing the request from  
SSRI/UHERO, University of Hawaii at Manoa (Department/Campus)

for exemption from Chapter 103D, HRS, for the following goods and services:

Urinalysis for PAH (polycyclic aromatic hydrocarbons) and VOC (volatile organic compounds) metabolites using LC-MS (liquid chromatography-mass spectrometry), with creatinine measurements, to detect wildfire-related toxins and other biomarkers impacting health. A custom urine multiclass assay will analyze 17 analytes-biomass burning tracers (3), oxidative stress (1), PAH (3), phytoestrogens (1), tobacco smoke (3), psychosocial stress (2), and voe (4)---in 205 urine samples, plus creatinine assay on all samples.

**Vendor/Contractor:** Icahn School of Medicine at Mount Sinai  
(If known)

**Address:**  
1 Gustave L. Levy Place  
New York, New York 10029

**Term of Contract:**  
(If known)

From:

To:

Cost:  
42,425.00

**Direct any inquiries to:**

Department: UHERO

Contact Name/Title: Marilyn Bui, Project Manager

Address: 2424 Maile Way, Saunders Hall #540  
Honolulu, Hawaii 96822

Phone Number:  
808-956-2325

Fax Number:

Date Posted: August 25, 2025

Submit written objections to this notice to issue an exemption from Chapter 103D, HRS, within seven (7) calendar days from the date posted to:

Office of Procurement Management  
1400 Lower Campus Road, Room 15  
Honolulu, Hawai'i 96822  
email: OPM@hawaii.edu

**UNIVERSITY OF HAWAII**  
**REQUEST FOR EXEMPTION FROM CHAPTER 103D, HRS**

**To:** Kalbert Young **Date:** 8/11/25  
Chief Procurement Officer, University of Hawaii'i

**Via:** Office of Procurement Management

**From:** UH Manoa SSRI/UHERO  
(Campus & Department/Program)

**Vendor/Contractor:** ICAHN SCHOOL of MEDICINE AT MOUNT SINAI

**Estimated Amount:** \$42,425.00

**Term of Contract, if applicable:** \_\_\_\_\_

Pursuant to University Administrative Procedure 8.220, and consistent with Hawaii Revised Statutes §103D-102(b)(4) and Hawaii Administrative Rules Chapter 3-120, the department requests a procurement exemption to purchase the following (attach additional sheets if necessary):

1. Description of the goods or services:

Urinalysis for PAH (polycyclic aromatic hydrocarbons) and VOC (volatile organic compounds) metabolites using LC-MS (liquid chromatography-mass spectrometry), with creatinine measurements, to detect wildfire-related toxins and other biomarkers impacting health. A custom urine multiclass assay will analyze 17 analytes—biomass burning tracers (3), oxidative stress (1), PAH (3), phytoestrogens (1), tobacco smoke (3), psychosocial stress (2), and VOC (4)—in 205 urine samples, plus creatinine assay on all samples.

2. Explain in detail, why it is not practicable or not advantageous for the University to procure by standard competitive means when multiple sources are available, or by other standard methods of source selection:

Standard competitive procurement is not practicable because the Icahn School of Medicine at Mount Sinai provides a uniquely customized 17-analyte urine multiclass assay integrating PAH, VOC, biomass burning tracers, oxidative stress, phytoestrogens, tobacco smoke, and psychosocial stress biomarkers in a single validated LC-MS panel with creatinine normalization. No other lab offers this exact assay with the same validated precision, trace detection, and broad exposomic scope. Other institutions (e.g., Emory, Harvard, Utrecht) conduct related research but lack an identical assay, and local options such as the University of Hawaii Cancer Center do not have the same trace detection capabilities or holistic exposomic expertise. Competitive procurement would risk loss of accuracy, comparability, and scientific validity, making Mount Sinai the only advantageous source. It would be more time consuming to procure different Universities and have them each test subsets. Then the MauiWES team will have to manually compile the data which will further delay the study and provide critical data to the community.

3. Explain in detail, the process that will be or was utilized in selecting the vendor/contractor:

A survey of potential providers—including the University of Hawaii Cancer Center, Emory University, Harvard T.H. Chan School of Public Health, and Utrecht University—found that no other lab offers the identical validated assay with the necessary trace detection capabilities and broad exposomic scope. The Icahn School of Medicine at Mount Sinai was ultimately selected as the best source able to deliver the complete 17-analyte urine multiclass assay with the required precision, integration, and timeliness.

4. Provide a description of the department's internal controls and approval requirements for the exempt procurement:

The department's internal controls for exempt procurement require completion of the KFS requisition and Form 103D, followed by sequential approvals from the Chief Procurement Officer, Principal Investigator, Fiscal Administrator, and Vice President. Once all departmental and administrative approvals are secured, the procurement is reviewed and verified by the Office of Procurement Management to ensure compliance with applicable policies and regulations.

5. Provide a list of department personnel, by position title, who will be involved in the approval process and administration of the contract:

Principal Investigator - Ruben Juarez  
 Fiscal Administrators - Gail Yamamoto, Calvin Fujioka

6. Direct questions to: Marilyn Bui Email Address: mbui2012@hawaii.edu

**Certification:** I certify that the information provided herein is true and correct to the best of my knowledge.

Ruben Juarez  
 Full Name of Principal Investigator, Department Head, or Administrator

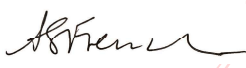
Ruben Juarez Digitally signed by Ruben Juarez  
Date: 2025.08.14 13:22:37 -10'00' 8/14/25  
 Signature Date

Gail Yamamoto  
 Full Name of Fiscal Administrator

Gail Yamamoto Digitally signed by Gail Yamamoto  
Date: 2025.08.18 10:47:16 -10'00'  
 Signature Date

APPROVED:

Alexandra French, Chief Business Officer  
 Full Name of Vice President or Chancellor

 Digitally signed by Alexandra French  
Date: 2025.08.21 16:06:19 -10'00'  
 Signature Date

**FOR OPM USE ONLY**

OPM COMMENTS:

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APPROVED



DENIED

Sarah Allen Digitally signed by Sarah Allen  
Date: 2025.09.03 06:57:28 -10'00'

9/3/25

CHIEF PROCUREMENT OFFICER, UNIVERSITY OF HAWAII

DATE