

Resource Summary Report

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UH Manoa Analytical Biochemistry Shared Resource

RRID:SCR_010085

Type: Tool

Proper Citation

UH Manoa Analytical Biochemistry Shared Resource (RRID:SCR_010085)

Resource Information

URL: <http://hawaii.eagle-i.net/i/0000012b-36b7-8cc7-2f73-b43980000000>

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Description: Core facility that provides the following services: ELISA-based assay service, Luminex based ELISA assay service, Coenzyme Q10 in plasma analysis by HPLC/ECD (oxidized, reduced and total Q10), DNA analysis by HPLC, Phenolic agents from plasma, urine, breast milk, foods analysis by LC/MSMS, Lipid-phase micronutrients in plasma or foods analysis by HPLC/PDA/FD (12 carotenoids, 2 retinoids, 3 tocopherols), Metabolomics analysis by LCMS, Vitamin A and pro-vitamin A in plasma analysis by HPLC/PDA, Vitamin C in plasma, food analysis by HPLC/ECD or PDA, Vitamin D in plasma analysis by LC/MSMS, Vitamin E in plasma analysis by NP-HPLC/PDA/FD (all tocopherols), Vitamin K analysis by LC/MSMS. The Analytical Biochemistry resource was established to support and facilitate collaborative cancer research between the various disciplines at the Center by providing chemical analyses which contribute to understanding chronic diseases in our population. It also assists in the determination of the nature or structure of biological molecules as well as the quantification of those compounds. The facility is equipped with essential instruments needed to perform analytical chemistry, and modern, state-of-the-art technology for difficult-to-measure and ultra-low concentrated compounds.

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

Keywords: elisa, high performance liquid chromatography, preparative chromatography, liquid chromatography-mass spectrometry, liquid chromatography?tandem mass spectrometry

Funding:

Resource Name: UH Manoa Analytical Biochemistry Shared Resource

Resource ID: SCR_010085

Alternate IDs: nlx_156553

Record Creation Time: 20220129T080256+0000

Record Last Update: 20250517T055946+0000

Ratings and Alerts

No rating or validation information has been found for UH Manoa Analytical Biochemistry Shared Resource.

No alerts have been found for UH Manoa Analytical Biochemistry Shared Resource.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.