

Volunteer for medically supervised research at the UCLA Center for
Human Nutrition

Study to Evaluate Non-invasive, Wearable Sweat Sensor

Purpose: This is a study to validate measurements taken by a non-invasive, wearable sweat sensor compared to blood analysis of cardiometabolic markers.

You may qualify if you meet the following criteria:

- 21-65 years old
- Normal weight with body mass index (BMI) 20-25
- Overweight/Obesity (BMI 25-35) no prediabetes (fasting blood sugar ≥ 100 mg/dL or HbA1c $< 5.7\%$)
- Overweight/Obesity (BMI 25-35) and prediabetes (fasting blood sugar ≥ 100 mg/dL or HbA1c $< 5.7\%$)

Procedures and Compensation:

- One screening (1.5 hrs and one test day (4 hrs)
- On test day a sweat monitor will be placed on your wrist
- Blood will be drawn every 30 minutes for 3 hours
- After the first blood draw you will drink a sugary drink
- Blood sugar, insulin, uric acid and branched chain amino acid content will be measured in blood and with the sweat sensor
- \$150 compensation

INTERESTED?

Please email uclanutrition@gmail.com.

As the confidentiality of emails cannot be guaranteed, do not include any sensitive information in your email if you choose to respond by that method.

This research study is being conducted by Zhaoping Li, MD, PhD and has been approved by the

UCLA Institutional Review Board
Protocol ID: IRB#23-000774 UCLA IRB Approved Approval Date: 6/12/2023 Committee: Medical IRB 3