

	Environmental Analysis Teaching and Research Laboratory	Date: 11/11/2016	Number: 14
	Standard Operating Procedure	Title: Sorvall ST 8/ 8R Centrifuge	
	Approved By: Los Huertos	Revision Date: November 13, 2016	

## 1. Scope and Application

- 1.1** The scope of this SOP is to train researchers on how to effectively use the Sorvall ST 8/ST 8R Microcentrifuge.
- 1.2** As a researcher, the centrifuge is pertinent in the lab to be able to separate substance mixtures of different densities. This centrifuge in particular can also become an in-vitro-diagnostics device, if used in tandem with the hematocrit rotor accessories.

## 2. Summary of Method

- 2.1** This SOP provides instructions on how to use the Sorvall ST 8/ 8R Centrifuge.
- 2.2** This SOP also provides guidance on how to troubleshoot an issue should trouble arise.

## 3. Definitions

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## 4. Interferences

## 5. Health and Safety

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## **Safety and Personnel Protective Equipment**

### **6. Personnel & Training Responsibilities**

Researchers training to use the Eosense chambers and Picarro analyzer include the following components:

Researchers using this SOP should be trained for the following SOPs:

- SOP03 Field Work
- SOP04 Electrical Power in the Field

### **7. Required Materials**

**Item 1 w/catalog number!**

**Item 2**

### **8. Estimated Time**

**8.1** This will take XX minutes...

### **9. Procedure**

**9.1** Prepare ...

**9.2**

### **10. References**

**10.1** APHA, AWWA. WEF. (2012) Standard Methods for examination of water and wastewater. 22nd American Public Health Association (Eds.). Washington. 1360 pp. (2014).