

	SOP-BCR-4.8	<b>Preparation of T<sub>3</sub></b>	Author: S. Clouthier  Approved: M. Wicha 	Rev: 1.0	Issued: 09/24/98 Revised: 7/13/12
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### 1.0 Purpose

The purpose of SOP 4.8 is to describe how to prepare T<sub>3</sub>

### 2.0 Scope

SOP 4.8 is intended to cover all resources, personnel and equipment in NCRC laboratory.

### 3.0 Materials

No.	Name	Description	Storage Location
1.0	T <sub>3</sub>	Triiodothyronine	Fridge #1 (026-328S-A)
2.0	HBSS	Hank's Balanced Salt Solution	Cold storage (026-380C)

### 4.0 Procedure

- 4.1 Source: Sigma Chemicals T 5516, 1.0 mg vial
- 4.2 Use at a final concentration of 2.5 mg/mL
- 4.3 Dissolve 1.0 mg in 1.0 mL of 0.01N NaOH
- 4.4 Add 49 mL HBSS
- 4.5 Sterile filter with 0.22 µm filter.
- 4.6 Aliquot in 1 mL samples.
- 4.7 Store remainder of aliquot (if any) at 4°C after thawing.
- 4.8 Use at a final con

### 5.0 Applicable References

### 6.0 Change Description

Revision	Date	Reference	Description of Change
1.0	7/13/12	CL	Added room locations