

	SOP-BCR-4.9	Preparation of Transferrin	Author: S. Clouthier  Approved: M. Wicha 	Rev: 0	Issued: 09/24/98 Revised: 07/17/09
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1.0 Purpose

The purpose of SOP 4.9 is to describe how to prepare Transferrin.

2.0 Scope

SOP 4.9 is intended to cover all resources, personnel and equipment in the BCR laboratory.

3.0 Materials

No.	Name	Description	Storage Location
1.0	Transferrin	Blood plasma protein	Fridge by hood

4.0 Procedure

- 4.1 Source: Sigma Chemicals T 2252, 100 mg size
- 4.2 Use at a final concentration of 2.5 mg/ml
- 4.3 Dissolve 100 mg in 40 mL distilled water
- 4.4 Sterile filter with 0.22 µm filter.
- 4.5 Aliquot at 1.0 mL in 1.0 mL sterile freezing tubes
- 4.6 Store at -20°C until needed
- 4.7 Store remainder of aliquot (if any) at 4°C after thawing.

5.0 Applicable References

6.0 Change Description

Revision	Date	Reference	Description of Change