

	SOP-BCR-4.28	Preparation of Citrate Buffer for IHC	Author: S. Clouthier  Approved: M. Wicha 	Rev: 1.0	Issued: 11/3/14 Revised:
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1.0 Purpose

The purpose of SOP 4.28 is to provide information on proper procedure for preparing 20X citrate buffer to be used for IHC staining.

2.0 Scope

SOP 4.28 is intended to cover all resources, personnel and equipment in the BCR laboratory.

3.0 Materials

No	Name	Description	Location
1.0	Citrate Buffer, pH 6.0	20X 100 mL from Invitrogen, cat# 00-5000	Fridge 1 (B026-314S)
2.0	Distilled water	Distilled water	From the sinks with special spout

4.0 Procedure

- 4.1 Measure out 50 mL of 20X citrate buffer and mix with 1,000 mL of distilled water, or if you will need more, mix the entire 20X bottle (100 mL) with 2,000 mL of distilled water, to use at 1X concentration.
- 4.2 Store any unused buffer in the fridge.

5.0 Applicable References

6.0 Change Description

Revision	Date	Reference	Description of Change