

**OLIVE VIEW-UCLA MEDICAL CENTER
DEPARTMENT OF PATHOLOGY
POLICY & PROCEDURE**

**NUMBER: 11870
VERSION: 1**

SUBJECT/TITLE: SS 007 - ARTISAN LINK REAGENT MAINTENANCE

POLICY: The Artisan Link Reagents will be maintained in accordance with the manufacture's recommendations.

PURPOSE: To ensure the instrument is operating in optimal condition.

DEPARTMENTS: **PATHOLOGY & LABORATORY SERVICES**

DEFINITIONS:

PROCEDURE:

Equipment:

Artisan special Staining System

Waste Fluid Containers

Buffer Container

Dako Concentrated Wash Buffer (50X)

Procedure:

- I. First shift technician will remove the reagents cartridges from the refrigerator and allow them to reach room temperature.**

- II. Preparing a New Wash Buffer Solution**
 - A. Click on the Instruments Tab
 - B. Click in the Bulk Liquid Bottles area, the Artisan Link Bulk Fluids window appear
 - C. Click the **Replace** button above the bottle that requires the solution preparation. The **Artisan Link Fluid** dialog box with the current information pertaining to the specified container will appear.
 - D. Click on the **Change** button, edit the following:
 - Verify that the solution name is listed as Wash Buffer in the **Fluid Type** box
 - Enter the mix date. (The Expiration will automatically populate.)
 - Enter the Lot Number
 - Click on the **Save** button
 - E. Preparing Working Wash Buffer – 10 Liters
 - Pour one (1) container of the Dako concentrated Wash Buffer (50X) into a ten (10) liter container.
 - Add 9.8 Liters of Distilled Water
 - Enter the new mix date and new Lot number into the computer (steps II. A-D).

III. Filling the Bulk Liquid Containers

- A. Replace the alcohol and wash buffers as needed.
- B. Click in Bulk Liquid Bottles in the solution icons, the Artisan Link Bulk Fluids screen will appear.
- C. On the Artisan Link Bulk Fluids screen, click the **Fill** button under the appropriate container or click the **Fill All** button for all containers. The software will indicate that each of the bulk liquid containers have been filled. When the containers are “full” the container icons will change to green.

IV. Priming the Fluid Containers

- A. Click in Bulk Liquid Bottles icons area, the Artisan Link Bulk Fluids screen will appear.
- B. On the Artisan Link Bulk Fluids screen, click the **Prime** button under one container or click the **Prime All** button for all containers.
- C. After the priming is complete, check the **Close** button to return to the **Instrument Tab**.

V. Discarding the Waste Fluid

- o Click in Bulk Liquid Bottles icons area, the Artisan Link Bulk Fluids screen will appear.
- B. The list for the **Waste Fluid Bottle** displays the following items:
 - Water Soluble (container # 1)
 - Alcohol (container # 2)
 - Trace Metal (container # 3)
 - Combined dye (container # 4)

The containers are always to remain in the designated order.

- C. The indicated amount of fluid in the waste containers will be **green**. When the fluid indicator turns **yellow**, the waste fluid will need to be discarded.
- D. Discard the waste fluids into the appropriately labeled waste containers. Place the waste containers onto the Waste Cart for disposal.
- E. Click on the **Empty** button, the fluid indicators will turn white. Set the containers at 10% full to avoid overflow

Note: Discard all waste solutions before entering confirmation into the computer system.

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References: Artisan Link Basic User Guide, Dako (An Agilent Technologies Company), 6392 Via Real, Carpinteria, CA 93013	
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