



Instructions for Use (IFU)  
Staining-Destaining Baths (Set)  
REF.: HSB

## 1. INTRODUCTION & IDENTIFICATION

**Product Name:** Staining-Destaining Baths (Set)

**Model:** HSB

**UDI-DI:** 5213012290146

**Manufacturer:** DIMITRIADIS IOANNIS AND SON PC, HELLABIO. Steliou Kazantzidi 47, 57001, Thermi, Greece.

**Intended Purpose:** The Hellabio Staining-Destaining Baths (HSB) are accessories intended for the manual staining and destaining of agarose gels following electrophoretic separation. They provide a stable and chemical-resistant environment for the visualization of diagnostic analytes.

## 2. TECHNICAL SPECIFICATIONS

- **Components:** 4 Baths with covers, 1 Gel Carrier, 1 Placement Case.
- **Dimensions (per bath):** 10.2 x 11.5 x 3.5 cm.
- **Weight (Total):** 676 gr.
- **Material:** Medical-grade PMMA (Plexiglas).
- **Capacity:** 300 ml per bath (Working volume: 250 ml).

## 3. OPERATING PROCEDURE

1. Place the 4 baths into the placement case on a flat, horizontal surface.
2. Fill the first bath with 250 ml of staining solution.
3. Fill the remaining three baths with destaining solution.
4. Carefully place the agarose film onto the Gel Carrier.
5. Immerse the carrier sequentially into the baths according to your specific diagnostic protocol.
6. Change the staining solution after 10 runs (regular use) or as indicated by the kit instructions.
7. Use the covers to prevent evaporation of reagents when the baths are not in use.

## 4. MAINTENANCE & CLEANING

- **Cleaning:** After using it, rinse thoroughly with distilled water.
- **WARNING [!]: NEVER use alcohol**, organic solvents, or abrasive cleaners. These will cause permanent damage (cracking/clouding) to the PMMA material.
- **Temperature:** Do not expose the baths to temperatures exceeding 40° C.



## 5. SAFETY WARNINGS & SYMBOLS

- **Intended Use:** For professional laboratory use only.
- **Chemical Safety:** Handle staining reagents with appropriate PPE (gloves, lab coat).
- **Disposal:** Dispose of the device and packaging in accordance with local environmental regulations. PMMA components should be treated as laboratory waste if contaminated.

