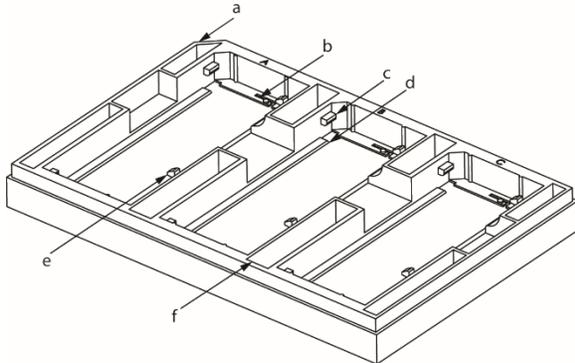




# AIM Biotech Chip Holder

Product Information Sheet  
10/07/16 Rev. 1.1

AIM Biotech Chip Holder is a sterile, single use, stackable holder that can fit up to three AIM chips in three slots. It features 8 reservoirs for humidity control; two snaps and two catches in each slot for holding the AIM chip in place; two lifters for easier chip removal.



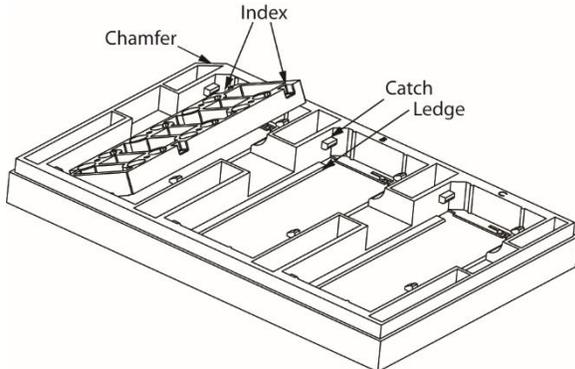
- a: chamfer
- b: lifter
- c: catch
- d: ledge
- e: snap
- f: reservoir

## PROTOCOL OVERVIEW

### AIM Chip Assembly

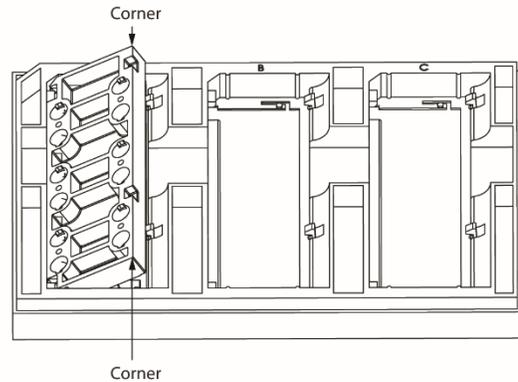
**TIMING 2 min**

1. Align the AIM chip to the chip holder by matching their chamfers.
2. Tilt the AIM chip and slide it into the space between the catches and the ledge and make sure the catches and indexes are matched.

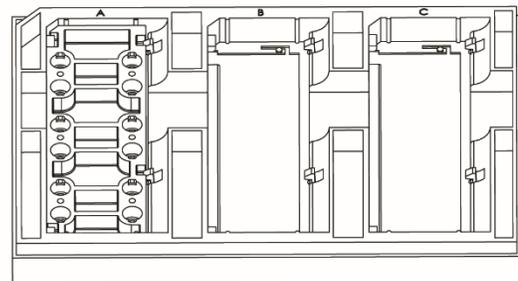


3. Press down the two corners of the AIM chip (the side in contact with snaps) until the AIM chip sits in tightly. Make sure the snaps bend backwards (away from the side with chamfer) while the AIM chip is being pressed down.

(i) Press these two corners



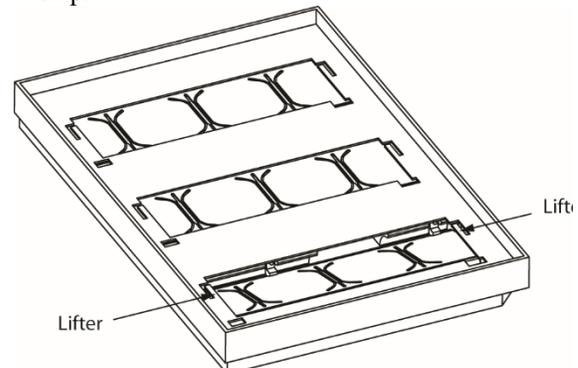
(ii) The AIM chip is held in place by the snaps and catches



### AIM Chip Removal

**TIMING 2 min**

4. Remove water from all reservoirs (if any) and media from all ports of the AIM chip that is going to be removed from the holder.
5. Hold the AIM holder (with AIM chips assembled) on the long sides with both hands.
6. Place your index fingers below the lifters and push the lifters up. The snaps will first dislodge from the indexes but still grab on the long side of the AIM chip.



*For illustration of lifters only. Do not flip the holder while removing the AIM chips.*



- Continue to push gently until the long side of the AIM chip is free from the snaps. You may place your thumbs at the corners of the AIM chip to prevent it from flipping. Remove the AIM chip.

#### **Humidity Control**

**TIMING 5 min**

- Add 1 ml of sterilized water into each of the larger reservoirs while 0.5 ml of sterilized water into each of the smaller reservoirs.
- Cover the AIM holder with the dedicated cover.
- Replenish the water in the reservoirs weekly or when the water cannot cover the full surface of the reservoirs, whichever comes first, for long term cell culture.

**Reminder:** Handle the holder with care as water in the reservoir may spill. Other alternatives for humidity control such as low percentage agarose gel or wetted sterilized paper towel may also be used if spillage of water is a concern.

Please refer to [www.aimbiotech.com/protocols](http://www.aimbiotech.com/protocols) for a detailed explanation of the AIM Holder handling protocols.

#### **PRECAUTIONS AND WARNINGS**

- The Chip Holder is **for single use only**. Do not reuse. Do not re-sterilize.
- Potential **impact hazards**. Repetitive assembly and removal of chip may cause fatigue of the snaps. Always perform chip assembly in a laminar flow hood with window sash lowered or put on safety spectacles with side shield.
- Always use **aseptic technique** while handling the holder. Do not use if packaging is damaged.

#### **SHIPPING AND STORAGE**

Chip Holder is shipped at room temperature. Store in a dry environment at room temperature.

#### **STERILIZATION**

Chip Holder is supplied in a Tyvek-sealed pouch and sterilized by ethylene oxide. The holder is sterile if the packaging is not damaged.

#### **END USER LICENSE AGREEMENT**

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#### **ORDERING INFORMATION**

Chip Holders (Cat. No. AIMHOL) are sold by the box of 10. Compatible items including chips (Cat. No AIMDAX) and connectors (Cat. No AIMLUC) are sold separately.