

4. Take up 20-30 μ l of an analyte solution (or blocking buffer) using a micro-pipette. Put the pipette tip vertically into the ports (holes) for addition of solution at the corner of each block of the SmartCover™. When the tip just touches the slide surface, slowly release the solution to fill the space between the underside of the SmartCover™ and the slide surface. Be careful not to allow bubbles to form.
5. After solution addition, place the cover on the cassette and place it in a thermostated incubator which is set at the appropriate temperature.
6. After incubation, remove the SmartCover™ and take out the microarray slide for further processing.

Maintenance

1. After each use of IncuSet™, clean it thoroughly first with tap water, then with deionized water and wipe dry with paper tissues;
2. The recommended working temperatures for IncuSet in the range 0-80°C;
3. Store the cassette in a dry place at room temperature.

Information

Chip Incubation. For convenience and high signal reliability, slide incubation is best performed using a CapitalBio BioMixer™ II Microarray Hybridization Station (Cat. No. 120030) which helps to reduced edge-effects.

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CapitalBio IncuSet™ Protein Chip Incubation Cassette

Cat. No. 430020

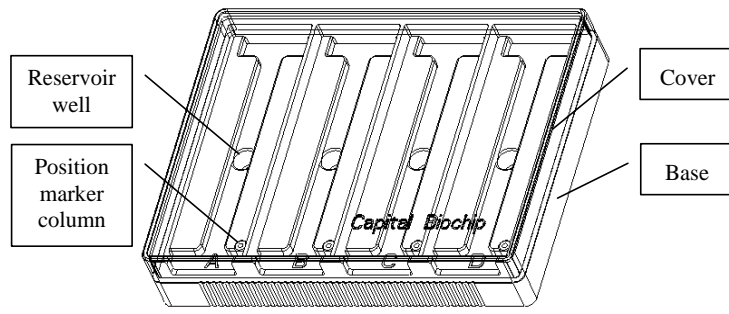
User Manual

**For Laboratory Research Use Only
Not for Diagnostic Purposes**

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General Introduction

CapitalBio IncuSet™ protein chip incubation cassette helps to simplify incubation processes for protein microarrays. The unit can accommodate up to 4 standard microscope slides (25 mm×75 mm) with or without CapitalBio SmartGrid™ or CapitalBio SmartCovers™. The design of the cassette guarantees a uniform reaction temperature for all slides within the same cassette. The 4 reservoir wells in the base can each hold 200 µl of water to maintain optimal interior humidity during incubation at elevated temperature.

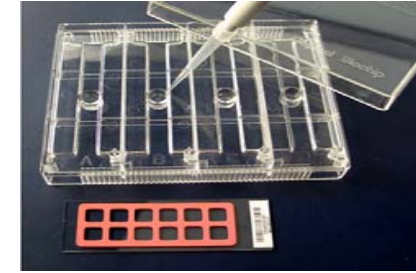


Key Features

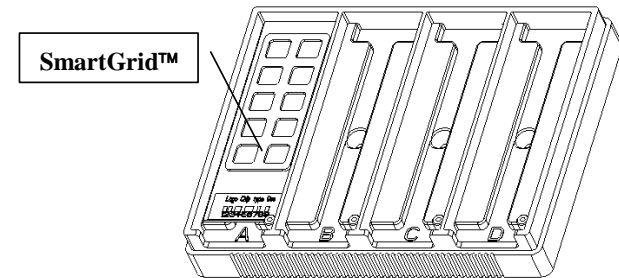
1. Uniform humidity ensured during incubation;
2. Protection of slide surfaces during incubation (with agitation);
3. Convenient observation of chips through clear cover.

Recommended Protocol

1. Add 200 µl of water to each of the 4 reservoir wells.



2. Place the microarray slide into the cassette, spotted side facing up.



3. If CapitalBio SmartCover™ is to be used, ensure the side with the protruding features is facing down toward the slide surface.

