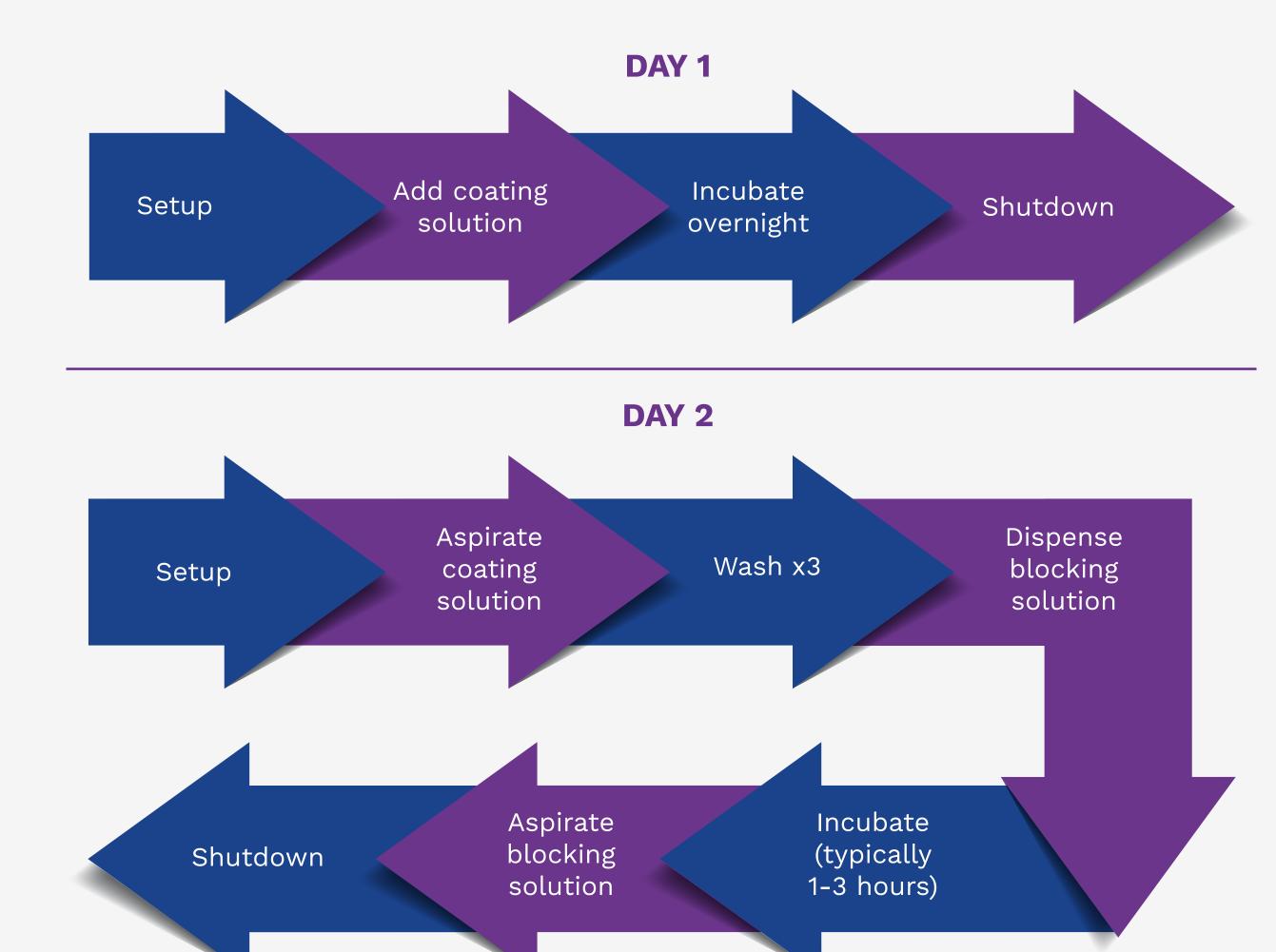
Streamline ELISA kit manufacturing: Master challenges with high-throughput microplate washing and coating

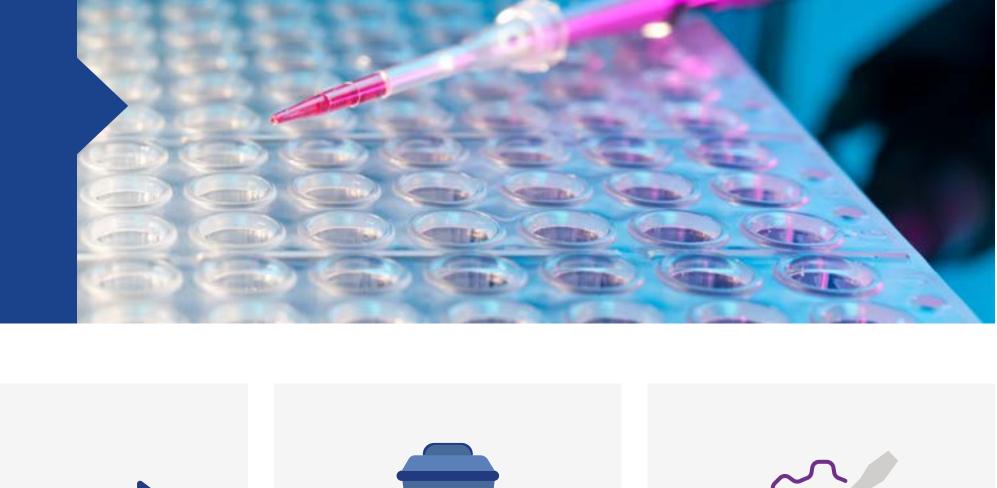
Plate coating (or ELISA coating) refers to the means of immobilization of antigen, antibodies, or any other compound on the well surface of a microplate for the purpose of a binding assay.





EACH STEP OF THE WORKFLOW HAS ITS OWN DEMANDS

Plate coating is typically applied to many plates at a time and high throughput is often required. The following workflow steps are often the most time-consuming:





HANDLING



between steps



There is a need to prevent needle clogging and

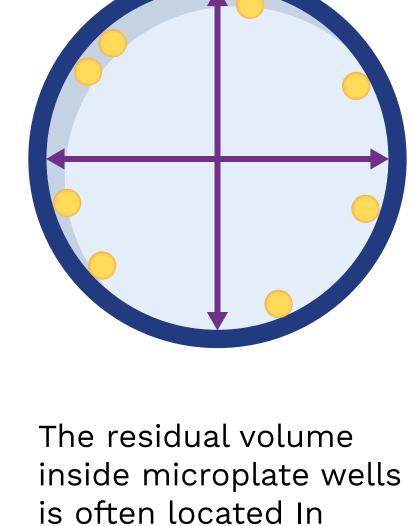


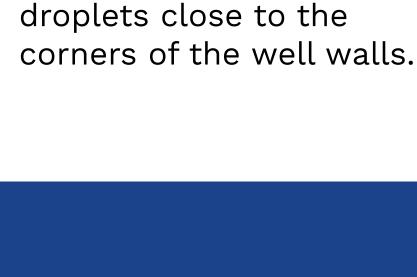
OF DIFFICULT LIQUIDS AND REAGENTS

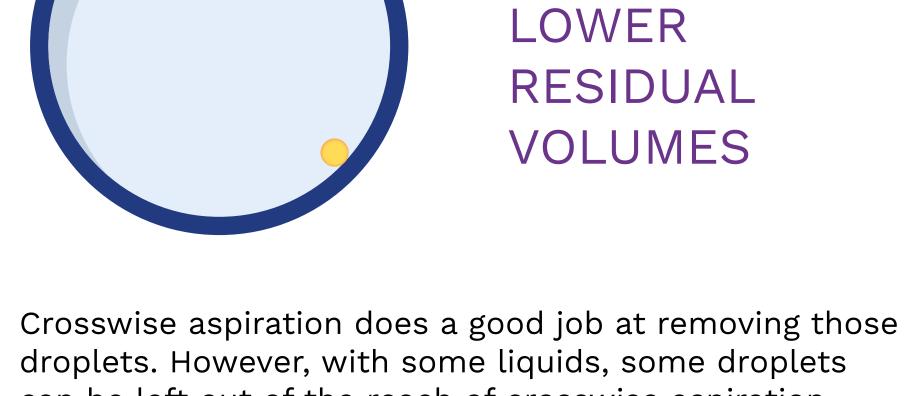
can result from reagents with salt, sugar, or protein. Using reagents with detergents or high protein can also lead to foam build-up.

crystallization during the plate coating process which

ACHIEVING







droplets. However, with some liquids, some droplets can be left out of the reach of crosswise aspiration.

How to overcome these challenges in your plate coating applications

THE FASTEST

Designed around many of the requirements highlighted above, the Zoom

HT Plate Coating System is reliable, robust, easy-to-use, and positioned

seconds for a triple wash of a 96-well microplate.

With a stacker that efficiently

PLATE WASHER

moves the plate quickly from a stack to a wash position and a self-emptying liquid trap, which

removes the need to stop the plate coating process to empty waste containers, the system is

The Zoom HT takes only 17

for high-throughput applications.

designed to reduce maintenance and increase throughput. RELIABLE HANDLING OF DIFFICULT

REAGENTS WITH

CONFIDENCE

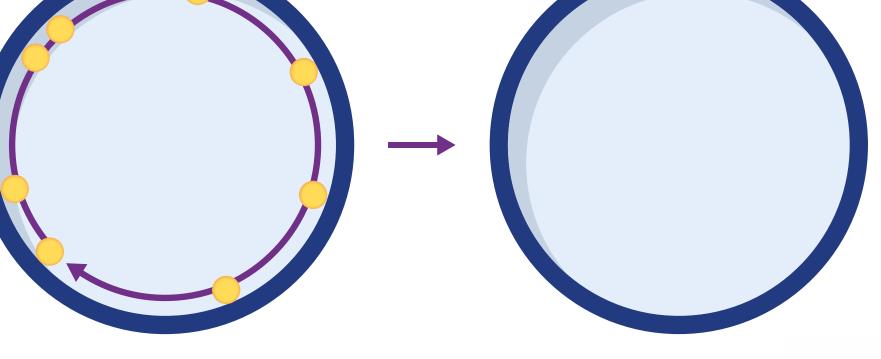


troublesome reagents.

CIRCULAR ASPIRATION ENABLES EVEN LOWER RESIDUAL VOLUMES The Zoom HT is designed to achieve low residual

volumes due to the 3D-positioning of aspirate needles

and the unique, reliable vacuum system used.





aspiration function

needles follow a

corners of wells.

where the aspiration

droplets around the

circular path, preventing



DISCOVER A DISPENSE MODULE WITH LOW DEAD VOLUME



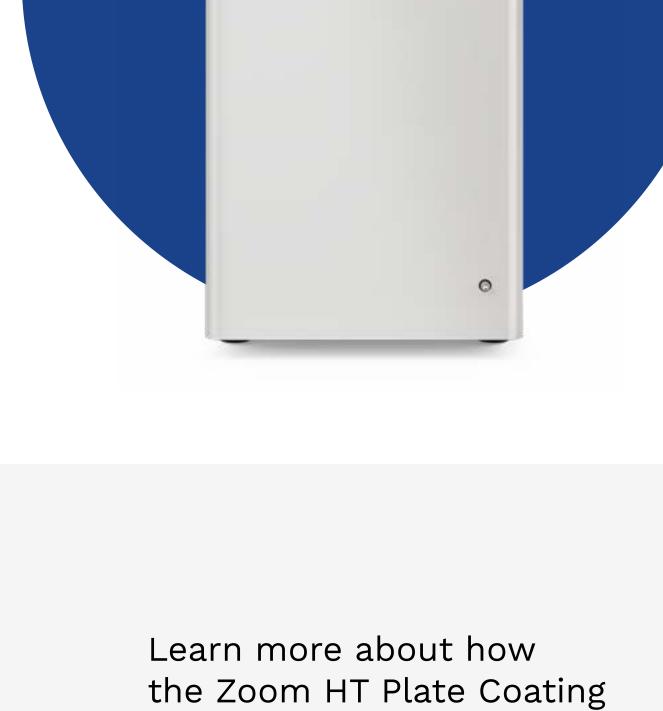
The optional Dispense Module

helps save expensive reagents.

adds reagents with high

precision. The low priming

volumes the module offers





System can streamline your workflow here

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