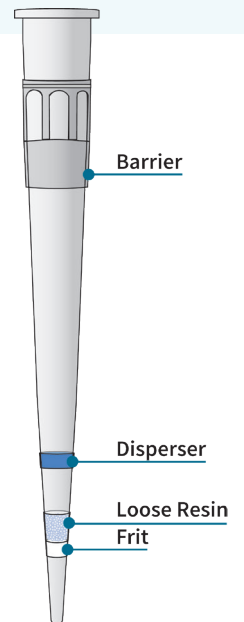


IMCSTIPS[®] + INTEGRA

OVERVIEW

IMCStips is a patented dispersive solid-phase extraction technology used in the field of proteomics to provide simplified, highly efficient sample preparations. IMCStips contain loose resin that increase the efficiency of your workflows by facilitating the enhanced binding of analytes of interest during pipetting steps. By coupling this technology with the **INTEGRA VIAFLO 96**, **ASSIST** and **ASSIST PLUS** electronic pipetting platforms, workflows are streamlined with the hands-free implementation of multiple aspirate and dispense cycles that facilitate consistent results, high recoveries, and faster workflows.



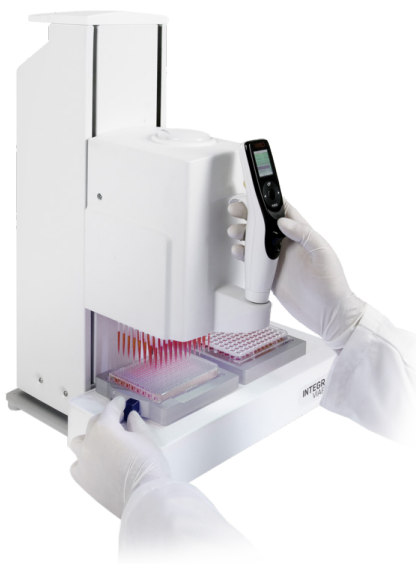
**CONSISTENT
RESULTS**



**HIGH
RECOVERIES**

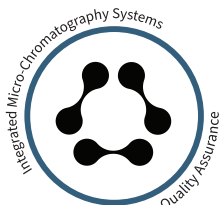


**FASTER
WORKFLOWS**



PRODUCT COMPATIBILITY

IMCStips are designed and tested to work with the **INTEGRA VIAFLO 96**, **ASSIST** and **ASSIST PLUS** electronic pipetting platforms. The combination of these technologies streamlines your workflow by simplifying sample preparation and increasing testing efficiency.



To learn more about the benefits of IMCStips and Integra and to view our catalog, scan the QR code or go to:
<https://imcstips.com/integra>



We make implementing IMCStips easy. IMCStips come with predefined pipetting protocols which can be uploaded to **INTEGRA** pipettes using **VIALINK** software which interfaces with the **VIAFLO 96 | ASSIST** and **ASSIST PLUS** electronic pipette platforms. To ensure the seamless integration of IMCStips, IMCS provides technical support and templated scripts along with user guidelines for each application.

Results below were obtained using IMCStips on an ASSIST (P/N: 04T-I1R72XL-1-25-8).

Increased protein recovery comparable to spin columns

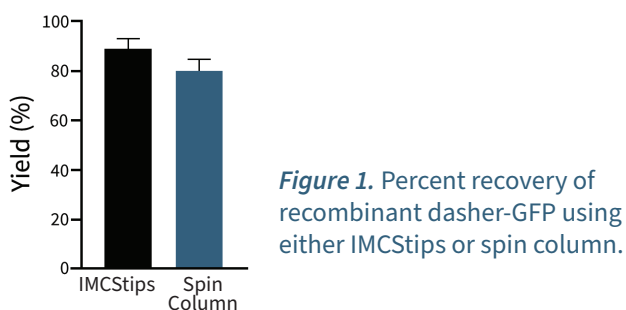


Figure 1. Percent recovery of recombinant dasher-GFP using either IMCStips or spin column.

Increased binding across a wide range of concentrations

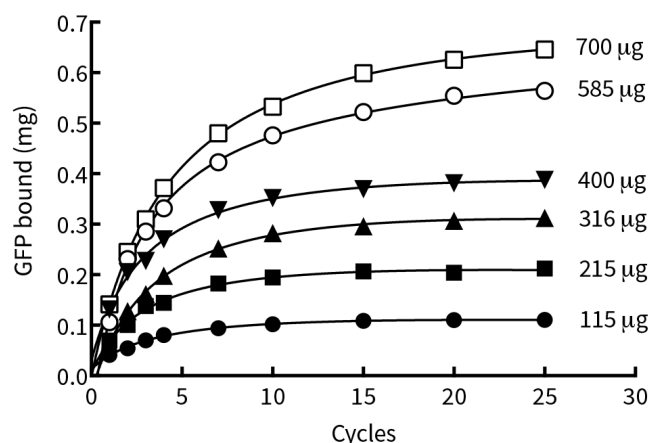


Figure 2. Kinetic data of various concentrations of GFP (115-700 µg) over 25 binding cycles.

Fraction eluted is independent of volume or cycle number

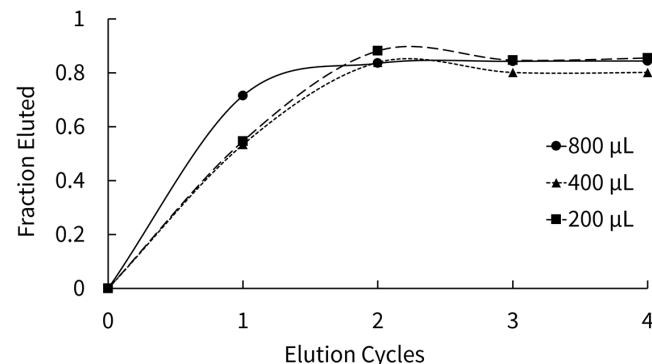


Figure 3. The impact of number of elution cycles and elution volume on fraction of bound protein eluted.

High specificity across different proteins

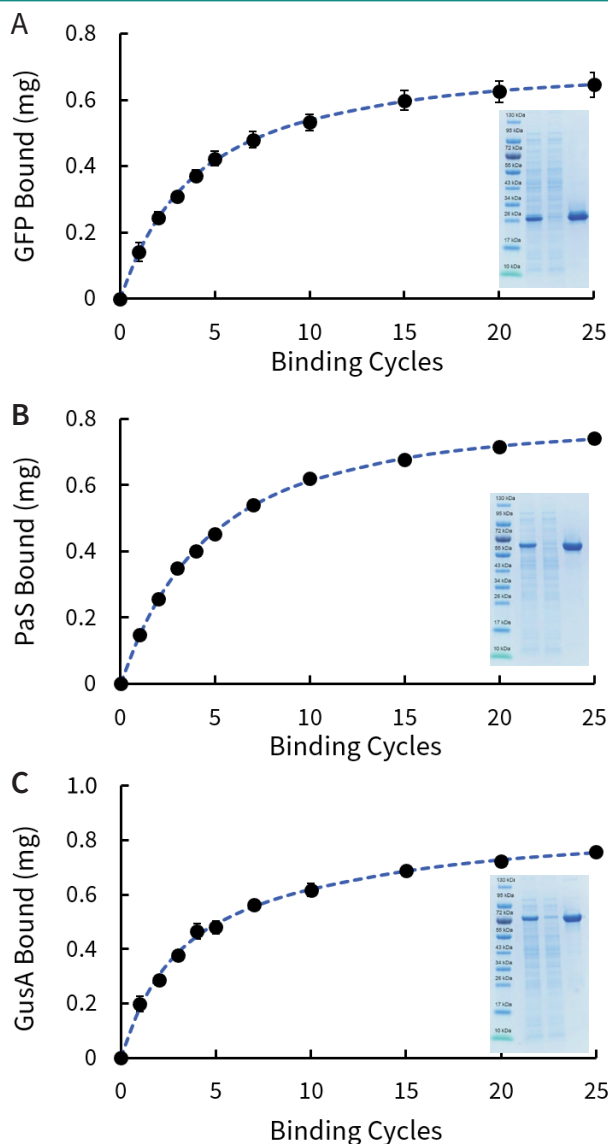


Figure 4. Binding dynamics of various His-tagged proteins in IMCStips. SDS-PAGE of purified proteins shown (inset). (A) Recombinant dasher-GFP (GFP). (B) Recombinant arylsulfatase (PaS). (C) Recombinant beta-glucuronidase (GusA). For A, B, C, 1st lane: protein in cell lysate; 2nd lane: flow-through; 3rd lane: eluted sample using IMCStips.