

# $\beta$ -Gone™

$\beta$ -Glucuronidase Removal Products

## User Guide



 **phenomenex**®  
...breaking with tradition<sup>SM</sup>

# 1-Minute $\beta$ -Glucuronidase Removal

$\beta$ -Gone™ offers a simple, fast, and highly targeted method to remove  $\beta$ -Glucuronidase from urine samples prior to analysis. Within 1 minute, with no necessary method development, your samples will be ready for analysis.

## $\beta$ -Gone Plus 96-Well Plates Protocol:

- 1 Follow  $\beta$ -glucuronidase vendor specifications and add appropriate amount of enzyme and urine to the well\*  
Please note: Do not use more than 10% organic solution for the incubation and ensure that organic solution is added last.
- 2 Add 133  $\mu$ L of 0.1% Formic acid in Methanol
- 3 Initiate vacuum or positive pressure (2-5 psi) and collect eluent to inject\*\*

## $\beta$ -Gone 96-Well Plates and 1 mL Tubes Protocol:

- 1 Dilute 200  $\mu$ L of urine hydrolysate with 133  $\mu$ L of 0.1% Formic acid in Methanol
- 2 Load diluted sample onto plate/tube and apply vacuum or positive pressure (2-5 psi) and collect eluent
- 3 Inject eluent\*\*

## 2 mL Centrifuge Tubes Protocol:

- 1 Tap tube prior to use to consolidate sorbent
- 2 Combine 200  $\mu$ L of Urine Hydrolysate with 133  $\mu$ L of 0.1% Formic acid in Methanol
- 3 Load into the centrifuge tube, cap, and invert 10x. Vortex for 30 seconds.
- 4 Centrifuge tube at 14000 rpm for 10 min (16000 xg RCF)
- 5 Collect supernatant to inject for analysis\*\*

\*For urine samples < 200  $\mu$ L, use 30 mg  $\beta$ -Gone Plus Plate

For urine samples  $\geq$  200  $\mu$ L, use 60 mg  $\beta$ -Gone Plus Plate

\*\*Depending on injection volume, starting %B (organic) in mobile phase, and column dimensions, a dilution of 1:1 with aqueous mobile phase may be required to prevent peak distortion of early eluting compounds.

# Ordering Information



## β-Gone β-Glucuronidase Removal Products

Part No.	Description	Unit
8B-S139-TAK	1 mL Tubes, Recombinant Enzyme	100/Box
8B-S322-DAK	1 mL Tubes, Non-Recombinant Enzyme	100/Box
8E-S139-TGA	96-Well Plate, Recombinant Enzyme	1/Box
8E-S322-DGA	96-Well Plate, Non-Recombinant Enzyme	1/Box
8N-S323-TUK	2 mL Centrifuge Tubes, Recombinant and Non-Recombinant Enzyme	100/Box
8E-S323-TGA	96-Well Plate Plus 30 mg/well, Recombinant/Non-Recombinant Enzyme	1/Box
8B-S323-UGA	96-Well Plate Plus 60 mg/well, Recombinant/Non-Recombinant Enzyme	1/Box

## Presston™ 1000 Positive Pressure Manifold

Part No.	Description
AH1-7033	Presston 1000 Positive Pressure Manifold, 96-Well Plate



Phenomenex warrants the Presston 1000 will be free of defects in materials and workmanship under normal installation, use, and maintenance for a period of 12 months following delivery.

Please visit [www.phenomenex.com/Presstonwarranty](http://www.phenomenex.com/Presstonwarranty) for complete warranty information.



## Accessories

Part No.	Description	Unit
<b>Collection Plates (deep well, polypropylene)</b>		
AH0-7192	96-Well Collection Plate, 350 µL/well	50/pk
AH0-7193	96-Well Collection Plate, 1 mL/well	50/pk
AH0-7279	96-Well Collection Plate, 1 mL/well Round, 7 mm	50/pk
AH0-7194	96-Well Collection Plate, 2 mL/well	50/pk
AH0-8635	96-Well Collection Plate, 2 mL Square/Round-Conical	50/pk
AH0-8636	96-Well Collection Plate, 2 mL Round/Round, 8 mm	50/pk

### Sealing Mats

AH0-8597	Sealing Mats, Pierceable, 96-Square Well, Silicone	50/pk
AH0-8598	Sealing Mats, Pre-Slit, 96-Square Well, Silicone	50/pk
AH0-8631	Sealing Mats, Pierceable, 96-Round Well 7 mm, Silicone	50/pk
AH0-8632	Sealing Mats, Pre-Slit, 96-Round Well 7 mm, Silicone	50/pk
AH0-8633	Sealing Mats, Pierceable, 96-Round Well 8 mm, Silicone	50/pk
AH0-8634	Sealing Mats, Pre-Slit, 96-Round Well 8 mm, Silicone	50/pk
AH0-7362	Sealing Tape Pad	10/pk

# Beta-Gone™

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**BE-HAPPY™**  
guarantee

Your happiness is our mission. Take 45 days to try our products. If you are not happy, we'll make it right.

[www.phenomenex.com/behappy](http://www.phenomenex.com/behappy)

#### Terms and Conditions

Subject to Phenomenex Standard Terms and Conditions, which may be viewed at [www.phenomenex.com/TermsAndConditions](http://www.phenomenex.com/TermsAndConditions).

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MANAGEMENT SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001:2015 =