

## B-One®

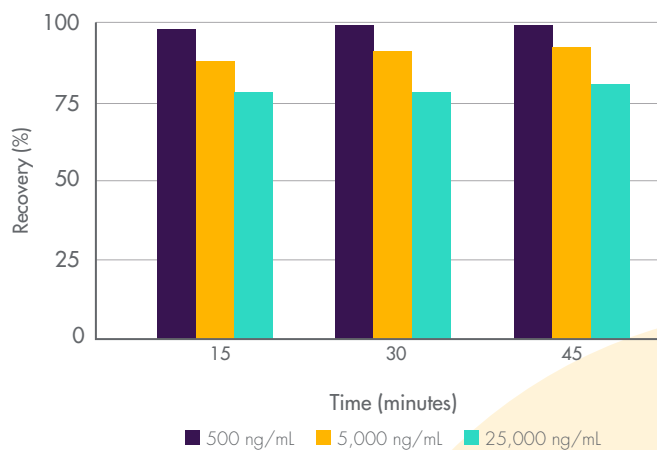
### "INCREDIBLY FAST, CLEAN, CONVENIENT β-GLUCURONIDE HYDROLYSIS AT ROOM TEMPERATURE"

"Our confidence in our results is everything, and what your product allows us to do is have that as well as a faster process within our laboratory. We've seen improvements in many areas including our workflow and data output." K. Outland, Westox.

**B-One® - Finden's 3rd generation recombinant β-glucuronidase. It's highly pure, stable at room temperature, and doesn't require heating of samples for hydrolysis. B-One® reaches over 90% recoveries within 5 minutes at room temperature.**

**B-One® doesn't require supplemental buffering - its "all-in-one" formula allows you to simply add B-One® and ISDs to the urine samples; no additional reagent mixing or cleanup is needed. In fact, it's a reagent.**

#### B-One® RECOVERY OF CODEINE-6-GLUCURONIDE

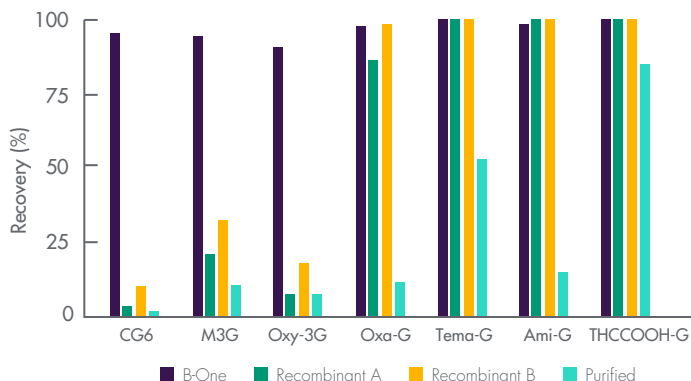


N.Chestara "Load and Go Urine Drug Testing", DPX, 2019

#### EXAMPLES OF β-GLUCURONIDE HYDROLYSIS USING B-One®

The example below illustrates comparisons between the activity/recoveries of B-One® and three other commercial β-glucuronidases for seven compounds in five minutes:

#### HYDROLYSIS IN 5 MINUTES



"Evaluation of the Optimal Conditions to Perform Flash Hydrolysis with B-One at Room Temperature", Kura Biotech, 2019.

Analyte	B-One	Recombinant A	Recombinant B	Purified
C-6-G	95	3	10	1
M-3-G	94	21	33	11
Oxy-3-G	91	8	18	8
Oxa-G	98	86	98	12
Tema-G	100	100	100	53
Ami-G	98	100	100	15
THCCOOH-G	100	100	100	85

# B-One®

## Benefits

- **Save time while increasing analyte recovery.**  
B-One® reaches over 90% recovery in 5 min at room temp of even the most difficult-to-hydrolyze analytes.
- **Increase throughput.** B-One® supports throughput of thousands of sample-per-day workloads.
- **Easy, cost efficient & streamlined workflows**
  - No sample heating.
  - No supplemental buffering, simply add B-One® and ISTD to urine.
  - Allows fully automated sample preparation.
- **Zero waste:** Storage, up to 14 days on the deck of your liquid handler, up to 3 months at room temperature; 18 months at 2-8°C.
- **Reduced labor and fewer processing errors** thanks to simplified protocols.
- B-One®'s high purity avoids unwanted analyte conversions and other contaminants.
- **Broad-spectrum of applicability;** works for a wide range of drugs including difficult-to-hydrolyze drugs like Codeine-6-G and dihydrocodeine-6-G.

## B-One® Specifications

Product Form: Solution

Temperature Range: Room Temperature (19°C - 22°C)

pH range: 6.8 - 7.5

Storage/Stability: 3 months at RT (19°C - 22°C) or 18 months at 2°C - 8°C

Purity: ≥ 98% of ~-Glucuronidase

Glucuronidase activity: ≥ 12,000 PS-U/mL

**We measure our enzymes at the right parameters. Still need to compare us? Do it with the recovery of real drugs, not Phenolphthalein Glucuronide. We want you to have the best solution for your lab needs.**

## REQUEST A FREE SAMPLE

EMAIL US AT: [SALES@KURABIOTECH.COM](mailto:SALES@KURABIOTECH.COM)  
(800) 332-1448

**WE DON'T  
BELIEVE DRUG  
TESTING IS  
EVER ROUTINE**

