Specialty Diagnostix

KURA® biotech

B-One®, BGTurbo®, BGS™ & ASPC™



Recombinant β-Glucuronidases and arylsulfatases for improved analytical efficiency and higher sample throughput

The detection of drug and medication abuse is never merely routine. Each analyte requires the best possible sample preparation. With the β-glucuronidase and arylsulfatase solutions from KURA® biotech, we provide the appropriate enzymes for your lab.

- The recombinant design of the KURA® biotech products ensures consistent lot-to-lot quality
- The enzymes‘ high purity protects your columns, thus extending their lifetime
- No interference through secondary enzymes and contaminants
- Short incubation times at room temperature facilitate automated workflow
- Particularly suitable for laboratories with a high sample throughput





B-One® (All in One)

- Recombinant β-glucuronidase for flash hydrolysis at room temperature
- Highly efficient and rapid hydrolysis for a wide range of conjugates
- Ready for use at any time for automated hydrolysis
- Designed for high-throughput laboratories
- Purity: ≥ 98%; Activity: ≥ 12.000 PS-U/ml

BGTurbo®

- Recombinant, highly efficient β-glucuronidase, even for hard-to-cleave glucuronides
- Extremely pure aqueous enzyme for reliable results
- Purified and standardized – without interfering substances and undesired side effects
- More than 85% of all conjugated analytes are hydrolyzed in less than 10 minutes
- Also suitable for use in toxicology laboratories with high sample throughput
- Purity: ≥ 98%; activity: ≥ 200,000 U/mL; optimal temperature: 55°C; optimal pH: 6.8

BGS™

- Recombinant β-Glucuronidase / Arylsulfatase Mix
- Simultaneous hydrolysis of glucuronide and sulfate components in a single efficient step
- Consistent lot-to-lot concentrations of β-glucuronidase and arylsulfatase
- Purity: ≥ 90% β-glucuronidase & arylsulfatase; Activity: ≥ 230,000 U/mL β-glucuronidase & ≥ 250,000 U/mL arylsulfatase; Optimal temperature: 52°C; Optimal pH: 6.8

APSC™

- Recombinant, pure arylsulfatase for the specific hydrolysis of sulfated components
- Activity: ≥ 250,000 U/mL; optimal temperature: 52°C; optimal pH: 6.9

Product	Order Number
B-One® (All in One)	
B-One® Recombinant β-Glucuronidase	B-One – 50 mL
B-One® Recombinant β-Glucuronidase	B-One – 100 mL
BGTurbo®	
BGTurbo® Recombinant β-Glucuronidase	BGTgf – 10 mL
BGTurbo® Recombinant β-Glucuronidase	BGTgf – 20 mL
BGTurbo® Recombinant β-Glucuronidase	BGTgf – 50 mL
BGS™	
BGS™ Recombinant β-Glucuronidase / Arylsulfatase Mix	BGS – 10 mL
BGS™ Recombinant β-Glucuronidase / Arylsulfatase Mix	BGS – 20 mL
ASPC™	
ASPC™ Recombinant Arylsulfatase	ASPC – 10 mL

Specialty Diagnostix GmbH
Sailerwöhr 16
94032 Passau, Germany
+49 (0)851 988 4930 0
+49 (0)851 988 4930 8
info@specialtydiagnostix.de
www.specialtydiagnostix.de