finden® KURA

	ASPC™	BGS™	BG100®	BGTURBO®	B-One®
Incubation (min) >85% recovery	30	30	40	10	5
Temperature (°C)	52	52	68	55	RT
OPIATES	N/A	▬	▬	▬	▬
6-MAM METABOLITES	N/A	▬	▬	▬	▬
OPIOIDS	N/A	▬	▬	▬	▬
CARBOXY-THC	N/A	▬	▬	▬	▬
BENZODIAZEPINES	N/A	▬	▬	▬	▬
T.C.A.s	N/A	▬	▭	▬	▬
ILLICIT – N.P.S.	N/A	▬	▬	▬	▬
SULFO-CONJUGATED STEROIDS	▬	▬	▭	N/A	N/A

Top reasons for choosing us

- Best cost per reaction
- Full support through validation processes
- Flexible storage conditions
- Streamlined: less sample prep steps
- Inter-lots consistency and reproducibility
- Proven performance

REQUEST A FREE SAMPLE

Email us at **sales@kurabiotech.com**
(800) 332 1448

We create biotech products better and differently to be a force of good to the world.

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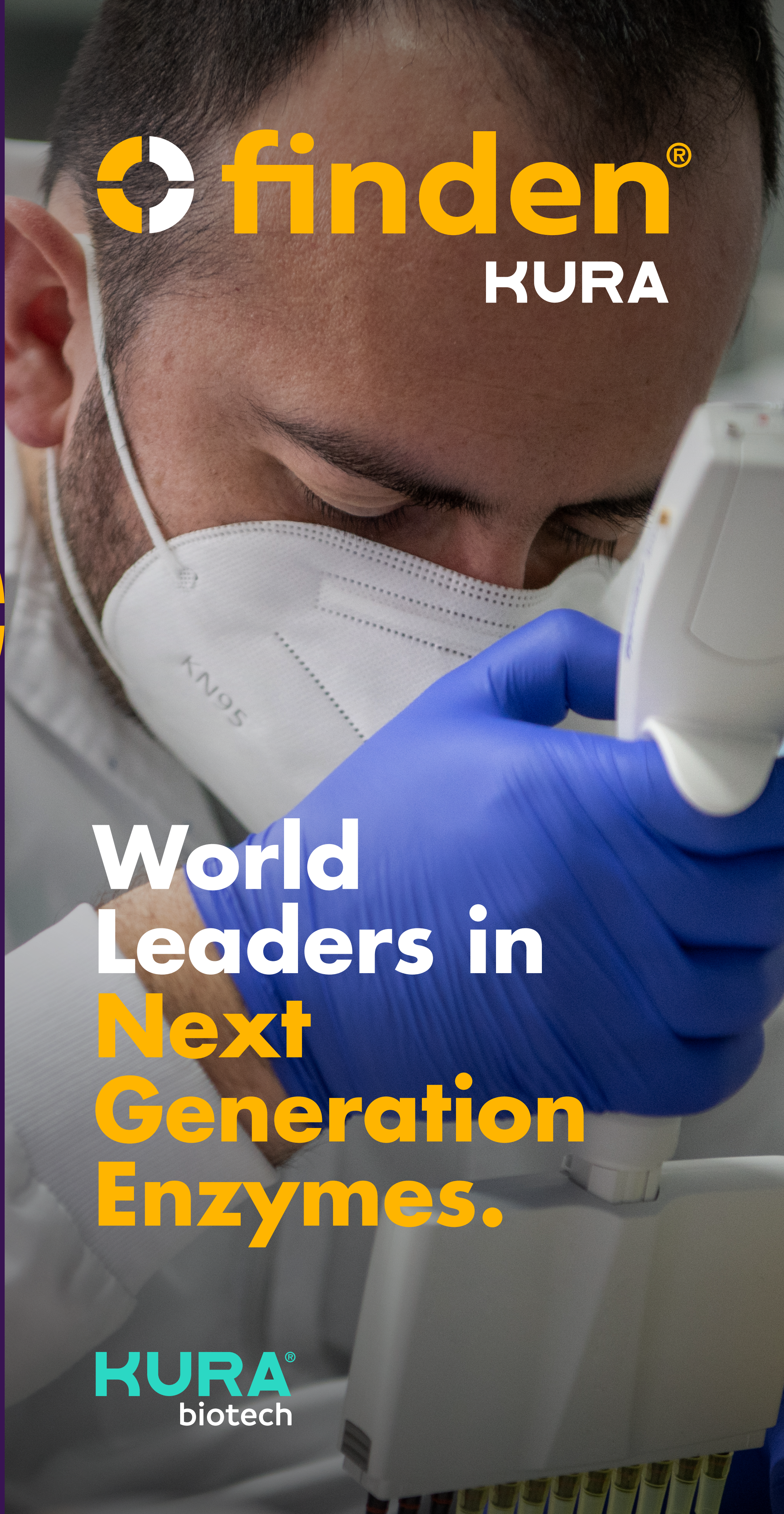


finden® KURA

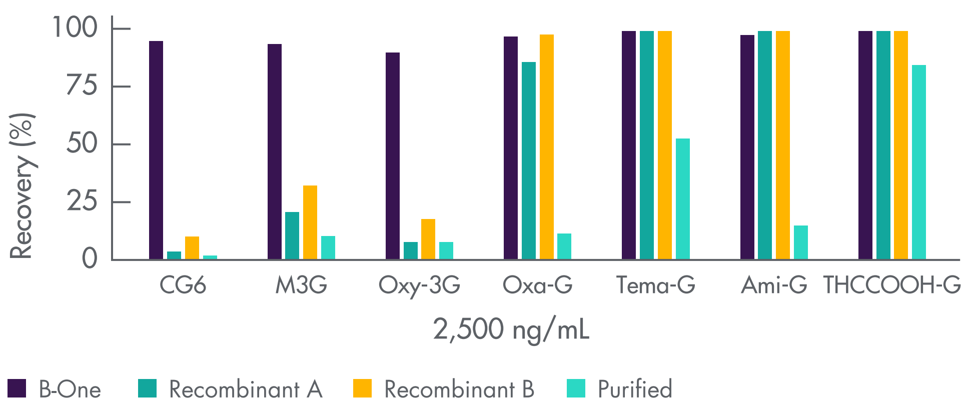
World Leaders in Next Generation Enzymes.

KURA® biotech

B-One®

"Incredibly fast, clean, convenient glucuronide hydrolysis at room temperature"

HYDROLYSIS IN 5 MINUTES



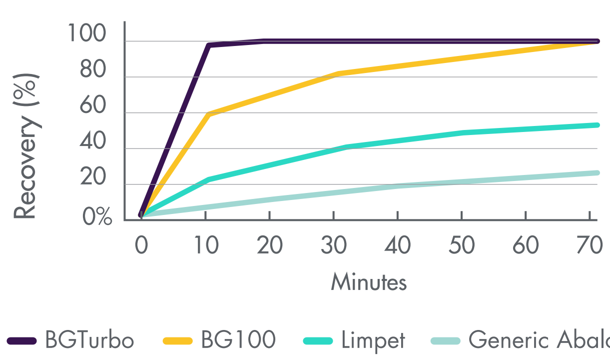
"Evaluation of the Optimal Conditions to Perform Flash Hydrolysis with B-One at Room Temperature", Kura Biotech, 2019.

BGTurbo®

"Recombinant, high efficiency, low protein concentration, and ultra pure enzyme."

CODEINE RECOVERY BENCHMARK

Codeine-6ß-Glucuronide Concentration: 500 ng/mL

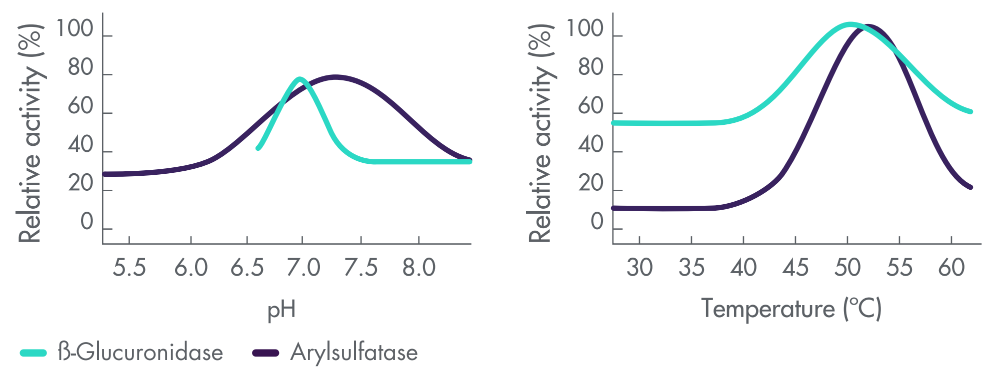


Comparative study of four different ß-Glucuronidases in Codeine hydrolysis, (2016) Kura Biotech.

BGS™

"Complete steroid conjugate hydrolysis in a single reagent"

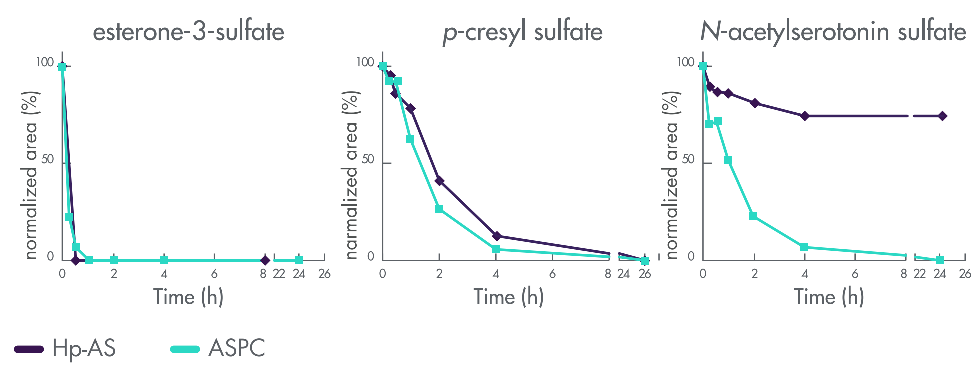
Analyte	Product	Recovery %	Time (min)
Estrone-Sulfate	BGS™	>80	20
Estrone-Glucuronide	BGS™	>80	10
4-Methylumbelliferyl Sulfate	BGS™	>80	5



M. Vargas 'BGS Characterization' in Kura Biotech Labs, 2019

ASPC™

"The pure recombinant arylsulfatase for steroid sulfo-conjugates"



D. Globisch 'Unique Chemical Biology Tools for Advanced Metabolomics Analysis - Exploring Gut Microbiota Metabolism', 2022.

ß-GLUCURONIDASE / ARYL-SULFATASE CATALOG

ITEM	FORM	DESCRIPTION	BGLUC	ARS	Purity	pH	Temperature
B-One®	💧	"All-in-one" room T° recombinant	●●●●●●	○○○○○○	>98%	6.8 - 7.5	Room T°
BGTurbo®	💧	Shelf-stable recombinant	●●●●●●	○○○○○○	>98%	6.5 - 7.2	20 - 55°C
BG100®	💧	Genetically selected Haliotis rufescens	●●●●○○	●○○○○○	35%	4.0 - 5.0	55 - 80°C
BGS™	💧	Genetically enhanced recombinant mix	●●●●○○	●●●○○○	>90%	6.8 - 7.0	50 - 55°C
ASPC™	💧	Genetically enhanced recombinant	○○○○○○	●●●○○○	>90%	6.8 - 7.5	50 - 55°C

Form: 💧 liquid solution.
BGLUC: strength of ß-glucuronidase activity; ARS: strength of arylsulfatase activity / Purity: according to SDS gradient gel electrophoresis of proteins