

# Xpeedy SPEctra™

**CURA**  
Diagnostics

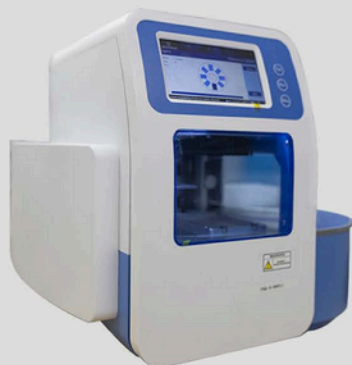
## Simplify & Streamline Sample Prep for LC-MS Analysis

- U Compatible with CURA's Xpeedy® Autopure and other magnetic beads processors such as KingFisher Flex\*
- U Sensitive, specific, and reliable extraction for most relevant target drugs from various sample types.



### SPEctra™ Oral Fluid Extraction Kit 384 & 768 rxns/kit

Presealed Magnetic Beads in 96-Well Plates (8),  
Wash Buffers (3), Elution Buffer (1), Loading Buffer (1),  
& Reconstitution Buffer (1)



**Xpeedy® Autopure**  
Magnetic Beads Processor  
with 96 Deep-Well Head

## Automation with Our Xpeedy® Product Line

Maximize efficiency and reduce labor costs by pairing SPEctra™ reagent kit with our Xpeedy® A20 liquid handling system

### Improve Precision

Reduce error rate and variation

### Increase Throughput

Reduce hands on time

### Decrease Complexity

All reagents ready to use

### Reduce Maintenance

Decrease LC-MS downtime and costs

### Boost Sensitivity

LC-MS instrument upgrade not required

### Extend Column Life

Reduce consumable costs

Product	Catalog Number
<b>Extraction Kits</b>	
SPEctra™ Oral Fluid Extraction Kit for Drug Testing 48T (384 rxns/kit)	33.00.01.01
SPEctra™ Oral Fluid Extraction Kit for Drug Testing 96T (768 rxns/kit)	33.00.01.02
SPEctra™ Urine Extraction Kit for Drug Testing 96T (768 rxns/kit)	43.00.01.01
<b>Purification Systems</b>	
Xpeedy® Autopure Magnetic Beads Purification System with 96 Deep-Well Head	31.09.01.01
<b>Sample Preparation Systems</b>	
Xpeedy® A20 Automated Sample Preparation System for LC/MS Analysis	10.09.01.01



Visit our website!

## Oral Fluid Extraction

### **Xpeedy Autopure<sup>†</sup> + SPEctra™ vs Traditional SPE**

	Xpeedy® Autopure + SPEctra™	Traditional SPE Manual Prep	SPE with Tecan A200
Reagent Preparation	5-10 min. ✓	10-20 min.	10-20 min.
Hands-on Time	0 ✓	60 min. (8-channel)	0 ✓
Extraction Time	25 min. (96-channel) ✓	60 min. (8-channel)	60 min (8-channel)
Total Time	30-35 min. ✓	70-80 min.	70-80 min.

<sup>†</sup> Similar efficiency is achieved using the KingFisher Flex\*

### **Sample Analyte Cutoffs using SPEctra™ and Shimadzu 8060\*\*\***

The following list is a sample of the analytes extracted using SPEctra™ from Oral Fluid collected in Quantisal\*\*, which can be expanded and modified to suit your specific toxicology needs. Similar cutoffs are expected using the Shimadzu 8050\*\*\*

Analyte	Cutoff (ng/mL)	Analyte	Cutoff (ng/mL)	Analyte	Cutoff (ng/mL)
6-MAM	1	Flurazepam	0.5	Norbuprenorphine	0.5
Alprazolam	0.5	Gabapentin	10	Nordiazepam	0.5
Amitriptyline	10	Heroin	1	Norhydrocodone	2.5
Amo-Pentobarbital	10	Hydrocodone	2.5	Noroxycodone	2.5
Amphetamine	10	Hydromorphone	2.5	Oxazepam	0.5
Benzoylcegonine	5	Ketamine	10	Oxycodone	5
Buprenorphine	0.1	Lorazepam	0.5	Oxymorphone	5
Butalbital	10	MDA	10	Phencyclidine	10
Carisoprodol	2.5	MDMA	10	Phenobarbital	10
Chlordiazepoxide	0.5	Meprobamate	2.5	Pregabalin	10
Clonazepam	0.5	Methadone	5	Secobarbital	10
Cocaine	5	Methamphetamine	10	Tapentadol	5
Codeine	2.5	Methylphenidate	1	Temazepam	0.5
Cotinine	5	Midazolam	0.5	THC	2.5
Diazepam	0.5	Mitragynine	1	Tianeptine	2
Dihydrocodeine	2.5	Morphine	2.5	Tramadol	2
EDDP	5	Naloxone	0.25	Triazolam	0.5
Fentanyl	0.1	Naltrexol	0.25	Xylazine	1
Flunitrazepam	0.5	Naltrexone	0.25	Zolpidem	5

\*The Kingfisher Flex is a registered trademark of ThermoFisher Scientific Inc. Spectra™ is not affiliated with or endorsed by ThermoFisher Scientific

\*\*Quantisal is a registered trademark of Abbott Laboratories. SPEctra™ is not affiliated with or endorsed by Abbott

\*\*\*The Shimadzu 8050/8060 is a registered trademark of Shimadzu Corporation. SPEctra™ is not affiliated with or endorsed by Shimadzu.