

# IMCSzyme® RT

genetically modified  $\beta$ -glucuronidase

**BUILT FOR  
ACCURACY,  
OPTIMIZED  
FOR SPEED**

## Why Choose IMCSzyme® RT?

- Hydrolyzes at room temperature, no heating required!
- Works within a wider range of pH to provide consistent results with diverse samples
- Developed for fully automated, high throughput testing



*The only way to obtain  
fast, clean, and accurate results...*  
**now at room temperature  
incubation in just 15 minutes  
or less.**



# IMCSzyme® RT Performance

	Drug Analytes	Activity at pH 5.5 (pmol/min/mg enzyme)	pH						
			4	4.5	5	5.5	6	6.5	7
Opiates	Morphine-3	2090							
	Hydromorphone	1062							
	Oxymorphone	789							
	Dihydrocodeine	936							
	Codeine	896							
Opioids	Tapentadol	2900							
	Norbuprenorphine	30296							
	Buprenorphine	8876							
	O-desmethyiltramadol	1144							
Benzodiazepines	Oxazepam	7586							
	Lorazepam	39278							
	Temazepam	4561							
Anti-Depressant	Amitriptyline	1256							
Cannabinoids	cTHC	198478							

## Product Specifications

*Physical Description:* Aqueous solution

*Specific Activity (units/mL):* > 200,000

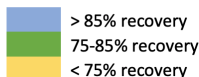
*Effective pH Range:* 4.5 - 6.5

*Incubation Temperature:* 20 - 25°C

*Incubation Time:* 15 minutes

*Shelf Life:* Up to 6 months

*Storage Temperature:* 2 - 8°C



Tested on *REAL* patient samples!

**Contact us for a Free Sample of IMCSzyme® RT!**



 [www.imcstips.com/imcszyme](http://www.imcstips.com/imcszyme)

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