

**Thermo Scientific
DRI Ecstasy Assay
MDA, MDMA, MDEA**



The DRI[®] Ecstasy Immunoassay offers:

- Liquid, ready-to-use reagents
- Applications on most chemistry analyzers
- High specificity antibodies for detection of Ecstasy drugs
- Fully automated qualitative and semi quantitative results
- Most sensitive Ecstasy test available

Performance Characteristics

The DRI Ecstasy Assay has no significant amphetamine cross reactivity.

Drug	500ng/mL Cut off (ng/mL)*	% Cross Reactivity
MDMA	500	100
MDA	750	67
MDEA	460	109
MBDB	1700	29
BDB	900	56
Para-methoxy-methamphetamine (PMMA)	1500	33
Para-methoxy-amphetamine (PMA)	4500	11
Non-Ecstasy Compounds		
d-amphetamine	600,000	0.1
d-Methamphetamine	600,000	0.1

*Approximate equivalent to 500ng/mL MDMA

Accuracy

A total of 110 urine specimens were tested with DRI Ecstasy on Hitachi 717 and confirmed by GC/MS method. The results are shown below:

		DRI Ecstasy	
		Positive	Negative
GC/MS	Positive	92	0
	Negative	0	18

% Agreement (Positive samples) = 100%

% Agreement (Negative samples) = 100%

Precision

Qualitative Precision - Negative control, positive control and cut off calibrator were tested using modified NCCLS protocol. The test was run in rate mode by testing all three levels in replicates of 6, twice per day for 10 days.

With-in Run Precision (mA/min)			
n=20	Negative Control	500ng/mL Calibrator	Positive Control
Mean	254	332	395
SD	2.3	3.4	3.8
%CV	0.9	1.0	1.0

Order 1-800-232-3342

Catalog Number	Product Description	Kit Size (mL)
100075	DRI Ecstasy Reagent Kit	100
100076	DRI Ecstasy Reagent Kit	500
Calibrators		
100082	DRI Ecstasy 250ng/mL Calibrator	10
100081	DRI Ecstasy 500ng/mL Calibrator**	10
100080	DRI Ecstasy 750ng/mL Calibrator	10
100079	DRI Ecstasy 1000ng/mL Calibrator	10
Controls		
100202	MGC Select DAU Control Set	3 x 5

** Cutoff calibrator for qualitative mode

Diagnostics

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