

ICR/CD1 Mouse Liver Microsomes – STOM

Cat. No.: LM-XS-02M

Lot No.: STOM

Unit Size: 0.5 mL

Storage Condition: -70°C

Protein Concentration: 20 mg/ml

Updated at: 2011-10

Lot Characterization Result

Phenotyping Reaction	Enzyme Kinetics Km (μM)		Enzyme Activity (pmole/mg/min)		
	Km	95% confident range	Substrate (μM)	Mean	SD
Phenacetin deethylation	26.9	21.1 – 34.4	100	366	26.9
Coumarin 7-hydroxylation	53.2	40.6 – 69.8	100	32.3	1.59
Diclofenac 4'-hydroxylation	60.5	51.6 – 71.0	100	59.0	4.18
S-mephenytoin 4'-hydroxylation	79.1	67.1 – 93.1	100	7.0	0.43
Bufuralol 1'-hydroxylation	11.2	8.97 – 14.1	100	141	14.7
Chlorzoxazone 6-hydroxylation	63.5	50.1 – 80.3	100	1051	99.5
Testosterone 6 β -hydroxylation	27.4	24.7 – 30.3	100	245	13.2

Donor Information

Species	ICR/CD1
Donor Number	500
Gender	Male

质量控制

李韶娟