

Pooled Human Liver Microsomes (Mongolian)

Cat. No.: LM-R-02M

Lot No. : DXOV

Unit Size: 0.5 ml

Storage Condition: -70°C

Protein Concentration: 20 mg/ml

Updated at: 2011-09

Lot Characterization Result

CYP450 Phenotyping Reaction	Enzyme Kinetics Km (μM)		Enzyme Activity (pmole/mg/min)		
	Km	95% Confidence Intervals	Substrate (μM)	Mean	SD
Phenacetin deethylation	73.70	46.49 to 116.8	50	330	38.8
Coumarin 7-hydroxylation	0.5355	0.4110 to 0.6978	0.78	168	16.0
Diclofenac 4'-hydroxylation	30.39	20.07 to 46.01	12.5	166	22.7
S-mephenytoin 4'-hydroxylation	58.54	50.03 to 68.50	50	19.1	1.02
Dextromethorphan O-demethylation	11.51	7.578 to 17.49	6.25	58.2	3.01
Chlorzoxazone 6-hydroxylation	36.46	28.85 to 46.09	25	94.9	2.34
Testosterone 6 β -hydroxylation	4.417	8.512 to 18.07	25	619	10.5

Donor Information

Donor Number	Gender	Age	Race	Cause of Death	Smoker	Serology testing
HM-03-006	Male	26	Mongolian	Trauma	Non smoker	Negative
HM-03-007	Male	24	Mongolian	Trauma	Non smoker	Negative
HM-03-008	Male	28	Mongolian	Trauma	Smoker	Negative
HM-03-011	Male	24	Mongolian	Trauma	Smoker	Negative
HM-03-012	Male	29	Mongolian	Trauma	Smoker	Negative
HM-03-013	Male	38	Mongolian	Trauma	Smoker	Negative
HM-03-014	Male	25	Mongolian	Trauma	Smoker	Negative
HM-03-015	Male	28	Mongolian	Trauma	Smoker	Negative
HM-02-001	Male	31	Mongolian	Trauma	Smoker	Negative
HM-02-002	Male	21	Mongolian	Trauma	Non smoker	Negative
HM-06-002	Male	35	Mongolian	Trauma	Smoker	Negative

质量控制

李韶娟