

Table S1. Summary of evaluation methods for enzymatic activities.

		Vendor A	Vendor B	Vendor C	Vendor D				
Culture condition		Suspension	Suspension	Plated	Plated				
Plate	Coating	NA	no coat	collagenI coated	NA				
	Size	NA	12(7HC) or 24-well	48-well	NA				
Medium		Krebs-Henseleit buffer	Williams' medium E	KHB medium	Earle's MEM				
Evaluation of enzyme activity									
Substrate		Conc (μ M)	Time (min)	Conc (μ M)	Time (min)	Conc (μ M)	Time (min)	Conc (μ M)	Time (min)
Phenacetin	1A2	100	30	100	15	15	30	200 or 10	60 or 30
Diclofenac	2C9	100	30	25	15	ND	ND	ND	ND
S-Mephenytoin	2C19	400	30	250	30	20	30	200	300
Dextromethorphan	2D6	80	30	15	15	5	30	100 or 5	60 or 30
Midazolam	3A4	30	30	10	10	ND	ND	50 or 0.5	60 or 30
Testosterone	3A4	250	30	200	15	50	30	ND	ND
Chlorzoxazone	2E1	500	30	250	15	50	30	ND	ND
7-Hydroxycoumarin	UGT, SULT	100 or 1000	30	100	30	30	30	ND	ND