

**Table S2.** Summary of evaluation methods for enzyme inductions.

		Vendor A	Vendor B	Vendor C	Vendor D	
Plate	Size	NA	NA	24-well plate	NA	
	Vendor	BD (Corning)	NA	Corning	Biopredic	
	Coating	Collagen I	NA	Collagen I	Rat tail collagen I	
Culture condition	Medium	K2000 (thawing) K2200 (seeding) K2300 (maintenance)	NA	InVitroGro CP	Leibovitz-15 (thawing) William's E medium (basal medium)	
	Cell density	NA	0.375 x 10 <sup>6</sup> cells/well	0.35 x 10 <sup>6</sup> cells/well	NA	
	preculture time	48 hr	72 hr	48 hr	24 or 120 hr	
Enzyme induction	Inducer	1A2	Omeprazole, 50 µM	Omeprazole, 50 µM	Omeprazole, 50 µM	
		2B6	Phenobarbital, 750 µM	Phenobarbital, 1000 µM	Phenobarbital, 1000 µM	
		3A4	Rifampicin, 20 µM	Rifampicin, 10 µM	Rifampicin, 25 µM	
	Medium	K2300	NA	InVitroGro HI	MEM Earle's	
	Reaction time	48 hr	48-72 hr	48 hr	Day 3	
Evaluation of enzyme activity	Substrate	1A2	Phenacetin, 100 µM	Phenacetin, 100 µM	Phenacetin, 100 µM	
		2B6	Bupropion, 100 µM	Bupropion, 500 µM	Bupropion, 150 µM	
		3A4	Testosterone, 250 µM	Testosterone, 200 µM	Testosterone, 125 µM	
	Medium	K2300	NA	KHB medium	MEM Earle's	
	Reaction time	1A2	30 min	15 min	4 hr	5 hr
		2B6	30 min	20 min	4 hr	4 hr
		3A4	30 min	14 min	4 hr	2 hr