

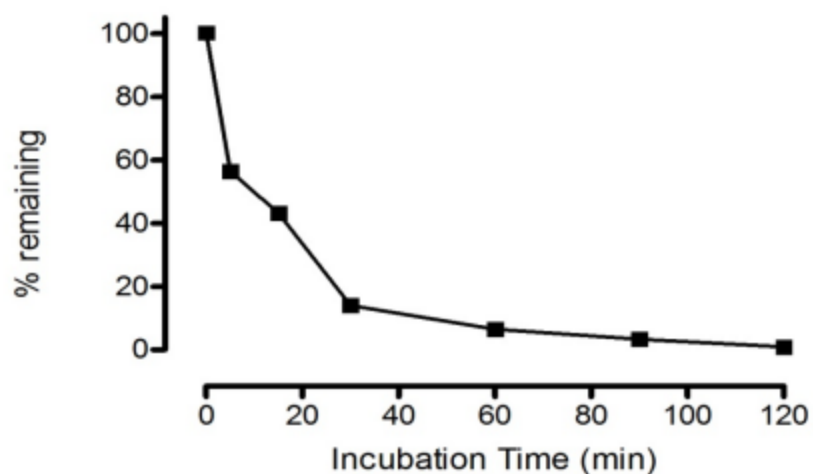
Cynomolgus Male Monkey Hepatocytes

Product Number	HP-SXH-02M	Lot Number	SLFS
Gender	Male	Number of Animal in Pool	4
Date of Preparation	2023.01	Storage Condition	-150° C
(1) Cell Viability			
Specification	Results		
Post-thaw viability by trypan blue exclusion, >70%	84%		
viable cell, >5million/vial	5.2 million/vial		
(2) Enzyme Characterization			
Phenotyping Reaction	Substrate	Enzyme activity (pmole/10 ⁶ cells /min)	
	(μ M)	Mean	SD
Testosterone 6 β -hydroxylation	100	108	9.13
7-hydroxylation Coumarin Glucuronidation	300	690	51.7
(3) <i>In vitro</i> intrinsic clearance			
Probe Substrate	(μ M)	T _{1/2} (min)	Clint(μ L/min/10 ⁶ cells)
Testosterone	1	8.09	428
7-OH Coumarin	1	8.33	416

Metabolism of Testosterone(1 μ M) in SLFS

Incubation Time (min)	% remaining
0	100
10	50
20	30
30	15
60	10
90	5
120	5

Metabolism of 7-OH Coumarin (1 μ M) in SLFS



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