

Male Wistar Han (WH) Rat Hepatocytes

Product Number	HP-WHDS-02M	Lot Number	SNDI
Gender	Male	Number of Animal in Pool	10
Date of Preparation	2015.06	Storage Condition	-150° C
(1) Cell Viability			
Specification		Results	
Post-thaw viability by trypan blue exclusion, >70%		90	
viable cell, >5 million/vial		5.4	
(2) Enzyme Characterization			
Phenotyping Reaction	Substrate	Enzyme activity (pmole/mg/min)	
	(μ M)	Mean	SD
7-hydroxylation CoumarinGlucuronidation	300	116	17.2
Testosterone 6 β -hydroxylation	100	74.1	2.22
(3) <i>In vitro</i> intrinsic clearance			
Probe Substrate	(μ M)	T _{1/2} (min)	Clint(μ L/min/10 ⁶ cells)
Testosterone	1.0	4.0	173.89
Verapamil	1.0	TBD	TBD
(4) Figure			
Preparation by	Junhua Fan	Signature	<i>Junhua Fan</i>
Reviewed by	Yi Sun	Signature	<i>Yi Sun</i>
Approved by	Yuchang Mao	Signature	<i>yuchang mao</i>

TBD: To be determined