

Male ICR/CD1 Mouse Hepatocytes

Product Number	HP-XS-02M	Lot Number	HEZH
Gender	Male	Number of Animal in Pool	12
Date of Preparation	2022.11	Storage Condition	-150° C

(1) Cell Viability

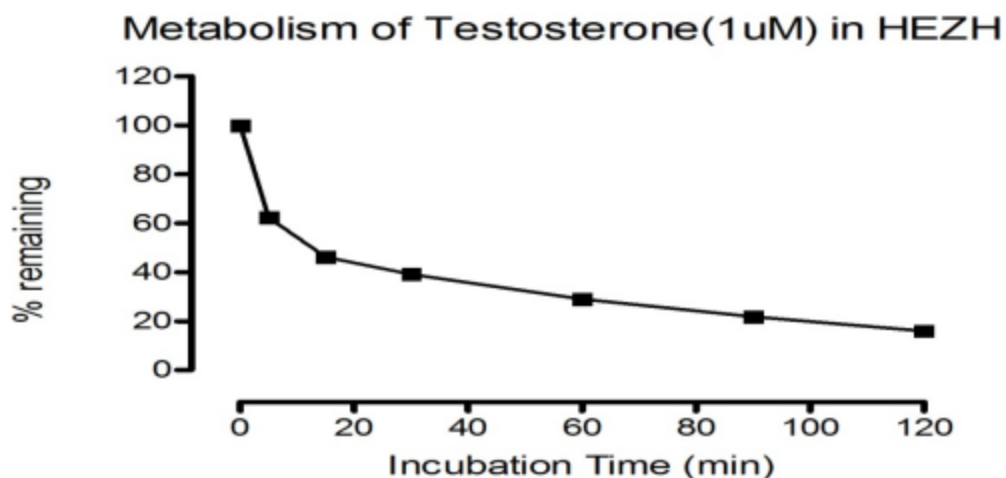
Specification	Results
Post-thaw viability by trypan blue exclusion, >70%	80%
viable cell, >5million/vial	5 million/vial

(2) Enzyme Characterization

Phenotyping Reaction	Substrate	Enzyme activity (pmole/10 ⁶ cells /min)	
	(μ M)	Mean	SD
Testosterone 6 β -hydroxylation	100	194	4.67

(3) *In vitro* intrinsic clearance

Probe Substrate	(μ M)	T _{1/2} (min)	Cl _{int} (μ L/min/10 ⁶ cells)
Testosterone	1	17.1	203



Prepared by	Yi Sun	Signature	<i>Yi Sun</i>
Reviewed by	Zhubing Hao	Signature	<i>Zhubing Hao</i>
Approved by	Ming Wu	Signature	<i>Ming Wu</i>