

Cynomolgus Monkey Liver S9

Product Number	LS-SXH-02M	Lot Number	TSCT
Gender	Male	Number of Animal in Pool	9
Date of Preparation	2021-12	Storage Condition	-70°C

(1) Specification

Protein Content (mg/mL)	20
Volume per vial (mL)	0.5
Amount of protein per vial (mg/vial)	10

(2) Enzyme Characterization

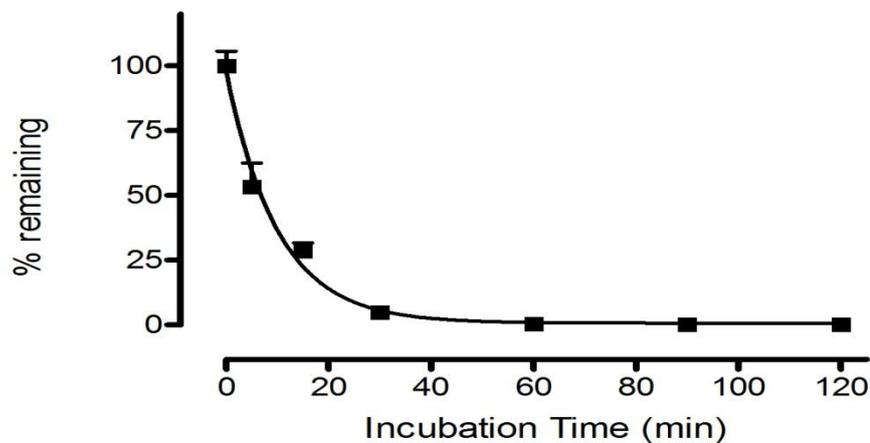
Phenotyping Reaction	Substrate	Enzyme activity (pmole/mg/min)	
	(μ M)	Mean	SD
Testosterone 6 β -hydroxylation	30	595	62.0
7-hydroxylation CoumarinGlucuronidation	40	913	99.6

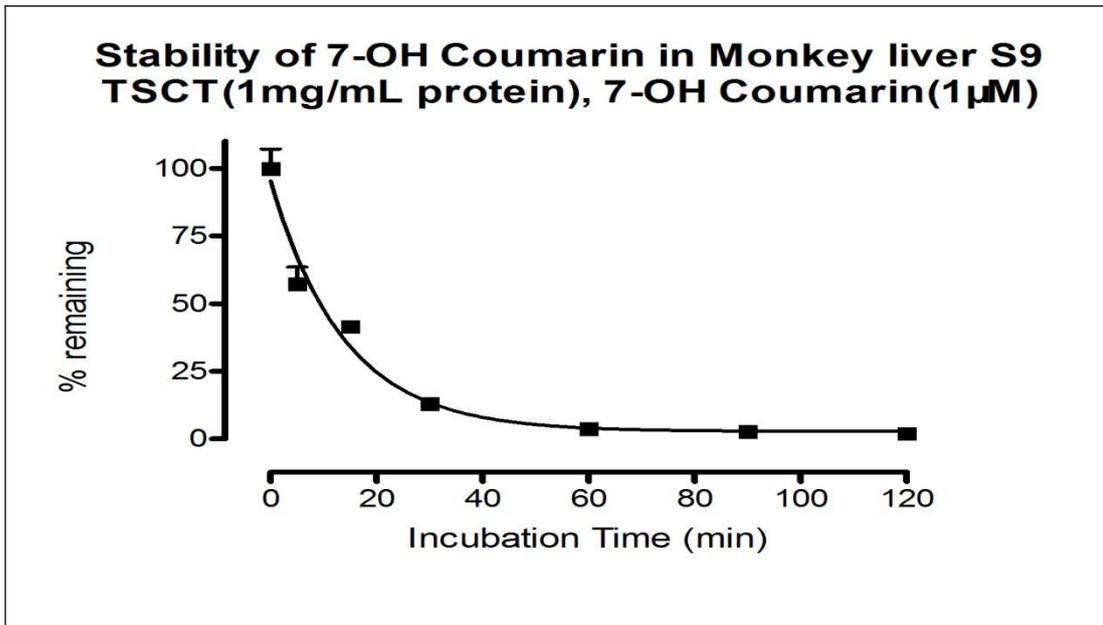
(3) *In vitro* intrinsic clearance

Probe Substrate	(μ M)	T _{1/2} (min)	Cl _{int} (μ L/min/mg protein)
Testosterone	1.0	6.97	100
7-OH Coumarin	1.0	9.63	68.0

(4) Figure

**Stability of Testosterone in Monkey liver S9
TSCT(1mg/mL protein), Testosterone(1 μ M)**





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>