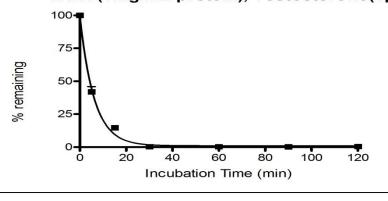
RILDResearch Institute for Liver Diseases (Shanghai) Co. Ltd

ICR/CD1 Mouse Liver Microsomes

Product Number	LM-XS-02	M Lo	Lot Number		CXHC	
Gender	Male		Number of Animal in Pool		140	
Date of Preparation	2021-05		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 Characteriza	ation					
Phenotyping Reaction		Substrate	Enzyme	Enzyme activity (pmole/mg/min)		
		(µM)	Mean		SD	
Testosterone 6β-hydroxylation		40	593		100	
7-hydroxylation Coumarin Glucuronidation		30	2953		93.3	
(3) In vitro intrinsic	clearance					
Probe Substrate	(μM)	T _{1/2} (min)		Clint(µL/min/mg protein)		
Testosterone	1.0	3.84		180		
7-OH Coumarin	1.0	2.21		313		
(4) Figure	1	ı	L			

(4) Figure

Stability of Testosterone in CD1 Mouse liver Microsomes CXHC(1mg/mL protein), Testosterone(1µM)



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