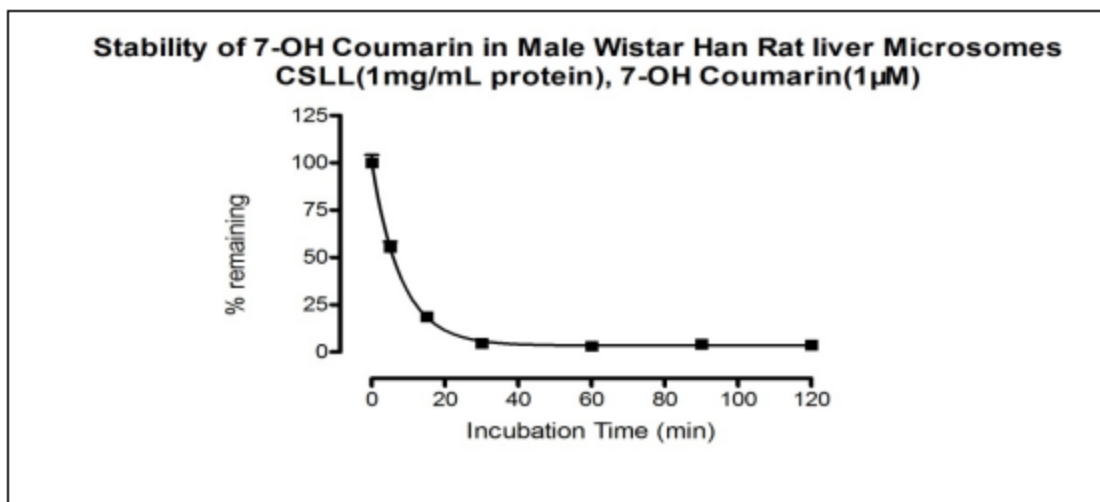


Wistar Han Rat Liver Microsomes

Product Number	LM-WHDS-02M	Lot Number	CSLL																		
Gender	Male	Number of Animal in Pool	20																		
Date of Preparation	2022-09	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	40	1787	38.9																		
7-hydroxylation Coumarin Glucuronidation	30	601	52.0																		
(3) <i>In vitro</i> intrinsic clearance																					
Probe Substrate	(μ M)	$T_{1/2}$ (min)	Cl_{int} (μ L/min/mg protein)																		
Testosterone	1.0	2.02	343																		
7-OH Coumarin	1.0	6.82	102																		
(4) Figure																					
<p>Stability of Testosterone in Male Wistar Han Rat liver Microsomes CSLL(1mg/mL protein), Testosterone(1μM)</p> <table border="1"> <caption>Data points for Testosterone Stability Graph</caption> <thead> <tr> <th>Incubation Time (min)</th> <th>% remaining</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>100</td> </tr> <tr> <td>5</td> <td>~2</td> </tr> <tr> <td>10</td> <td>~2</td> </tr> <tr> <td>20</td> <td>~2</td> </tr> <tr> <td>30</td> <td>~2</td> </tr> <tr> <td>60</td> <td>~2</td> </tr> <tr> <td>90</td> <td>~2</td> </tr> <tr> <td>120</td> <td>~2</td> </tr> </tbody> </table>				Incubation Time (min)	% remaining	0	100	5	~2	10	~2	20	~2	30	~2	60	~2	90	~2	120	~2
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