

**Female Cat Liver Microsomes**

Product Number	LM-LHM-02F	Lot Number	WSWS
Gender	Female	Number of Animal in Pool	3
Date of Preparation	2023-01	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**

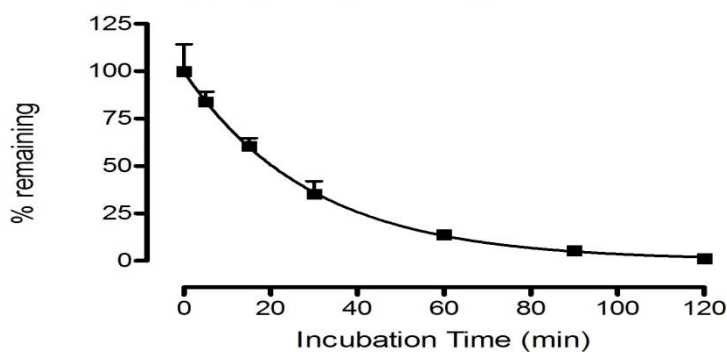
Phenotyping Reaction	Substrate	Enzyme activity (pmole/mg/min)	
	( $\mu$ M)	Mean	SD
Testosterone 6 $\beta$ -hydroxylation	40	124	9.60
7-hydroxylation Coumarin Glucuronidation	30	45.4	8.64

**(3) *In vitro* intrinsic clearance**

Probe Substrate	( $\mu$ M)	T <sub>1/2</sub> (min)	Cl <sub>int</sub> ( $\mu$ L/min/mg protein)
Testosterone	1.0	19.6	35.3

**(4) Figure**

**Stability of Testosterone in Female Cat liver Microsomes WSWS(1mg/mL protein), Testosterone(1 $\mu$ M)**



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