

RILD Research Institute for Liver Diseases (Shanghai)
Co. Ltd

Beagle Dog Liver S9

Product Number	LS-BGQ-02M	Lot Number	WLJW
Gender	Male	Number of Animal in Pool	4
Date of Preparation	2021-07	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

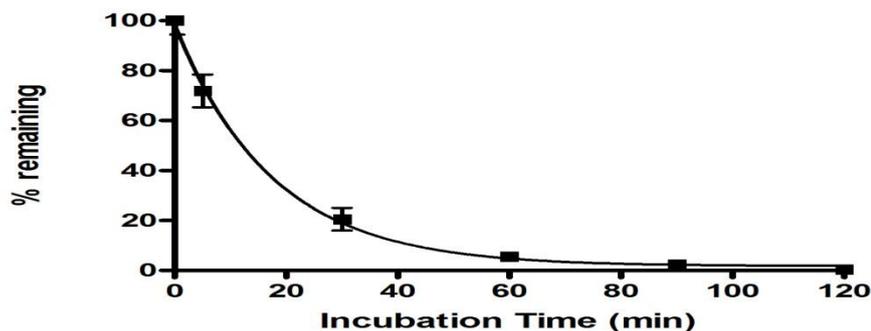
Phenotyping Reaction	Substrate	Enzyme activity (pmole/mg/min)	
	(μ M)	Mean	SD
7-hydroxylationCoumarinGlucuronidation	30	804	43.4

(3) *In vitro* intrinsic clearance

Probe Substrate	(μ M)	$T_{1/2}$ (min)	Clint(μ L/min/mg protein)
7-hydroxylationCoumarin	1.0	14.3	38.7
Testosterone	1.0	12.1	44.7

(4) Figure

Stability of Testosterone in Beagle Dog liver S9 WLJW (1mg/mL protein), Testosterone(1 μ M)



RILD Research Institute for Liver Diseases (Shanghai)
Co. Ltd

