XENOTECH
A BioIVT Company

Data Sheet

L1500.H15 Lot No. 1210410

Cryopreserved New Zealand Rabbit Hepatocytes
Female, Pool of 3

Assured Minimum Yield: 5.0×10^6 cells per vial
Viability: 74.2%

Livers were perfused and subjected to collagenase digestion for the purpose of hepatocyte isolation.

Enzyme Activities		***Rate***
7-Ethoxycoumarin *O*-dealkylation	(pmol/million cells/min)	1150 ± 60
7-Hydroxycoumarin glucuronidation	(pmol/million cells/min)	217 ± 21
7-Hydroxycoumarin sulfonation	(pmol/million cells/min)	23.9 ± 2.7

Values for enzyme activities were determined at a single substrate concentration and are mean ± standard deviation of three or more determinations.

To measure metabolic enzyme activities, hepatocytes (1×10^6 /mL) in suspension were incubated in triplicate at 37 ± 1°C for 30 minutes in Waymouth's medium and 7-ethoxycoumarin (500 µM). Metabolite formation was determined by validated LC-MS/MS methods with deuterated metabolites as internal standards.

Animal Information

Species:	Rabbit
Strain:	New Zealand
Sex:	Female
Age:	Sexually mature
Vendor:	Covance Research Products, Denver, PA

Animals were housed in an AAALAC-accredited facility and allowed to acclimate ≥ seven days before use.

Food:	Purina 5326 High Fiber Diet (*ad libitum*)
Water:	Automatic watering system (*ad libitum*)
Light/dark cycle:	16 hours light / 8 hours dark
Temperature:	70°F ± 2°F
Humidity:	30-70 %
Bedding:	None used
Cage:	Conventional wire grid cage

Store in liquid nitrogen, vapor phase

CAUTION: This sample should be considered as a potential biohazard and universal precautions should be followed. Intended for *in vitro* use only.

Datasheet prepared 02 November 2012