XENOTECH
A BioIVT Company

Data Sheet
Certificate of Analysis

CryostaX

Single Freeze Pooled Cryopreserved Rabbit Hepatocytes

LPCH1000 Lot No. 2410028

Cryopreserved New Zealand Rabbit Hepatocytes
Male, Pool of 3

Assured Minimum Yield:	5.0 x 10^6 cells per vial
Viability:	77%

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)	392 ± 11
7-Hydroxycoumarin glucuronidation	(pmol/million cells/min)	135 ± 15
7-Hydroxycoumarin sulfonation	(pmol/million cells/min)	126 ± 17

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 x 10^6 /mL) in suspension were incubated in triplicate at 37 ± 2°C for 30 minutes in Opti^{INCUBATE} 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:	Male
Age:	Sexually mature
Vendor:	Charles River, Raleigh, NC

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:	68-72°F
Humidity:	50-55 %
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.

This data sheet serves as a Certificate of Analysis and has been approved by Stephanie Helmstetter, Assistant Director.
Signature and Date: Stephanie Helmstetter 16 February 2024