

Subcellular fractions	
Lot BL190716-1	Batch Release: Sept 06, 2019; updated January 24, 2023

Species: Beagle Age: 4 years 2 months	Number and gender of animals: 1 male
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Product Number	Product Description	Amount	Protein content
BL-S9-101	Beagle liver S9 fraction, male	0.5 mL	20 mg/mL

Enzyme assay results		
Enzyme (Beagle isoforms)	Assay	Enzyme activity (nM/min)
CYP1A1/2	Phenacetin-O-deethylase	51.1 ± 5.6
CYP2C21/41	Diclofenac 4'-hydroxylase	62.6 ± 11.5
CYP3A12/26	Midazolam 1'-hydroxylase	560.5 ± 95.0
UDP-GT	UDP-Glucuronosyltransferase	9580.4 ± 440.6
SULT	Sulfotransferase	1042.7 ± 150.4

Note: Activity assays were performed at PRIMACYT GmbH. The assays were conducted at 1 mg/ml protein in 0.1 M Phosphate buffer at 37 °C for 15 min (phase I) or 30 min (phase II). Values are expressed as mean ± SD.

Store at -80 °C.
This product should be considered as potential biohazard. Only intended for <i>in vitro</i> use.
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