

Subcellular fractions	
Lot CL190730	Batch Release: July 30, 2019

Species: Cynomolgus (<i>Macaca fascicularis</i>) Gender: male Age: 3 years 9 months Date of Liver Resection: April 8, 2015	Serology: negative for SIV, STLV, SRV, Ebola, Herpes, alpha-Herpes
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Product Number	Product Description	Amount	Protein content
CL-S9-101	Cynomolgus liver S9 fraction, male, single donor	1.0 mL	10 mg/mL
CL-MIC-101	Cynomolgus liver microsomes, male, single donor	1.0 mL	5 mg/mL
CL-CYT-101	Cynomolgus liver cytosol, male, single donor	1.0 mL	10 mg/mL

Enzyme assay results			
Enzyme (Monkey isoforms)	Assay	Enzyme activity (ng/mg*min)	
		S9 fraction	Microsomes
CYP1A1/2	Phenacetin-O-deethylase	4.0 ± 0.2	10.4 ± 0.5
CYP2C20/43	Diclofenac 4'-hydroxylase	22.6 ± 3.9	74.8 ± 20.7
	Omeprazol 5'-hydroxylase	13.8 ± 2.1	38.0 ± 3.0
CYP2D17	Dextromethorphan-O-demethylase	4.8 ± 0.2	12.8 ± 2.2
CYP3A8	Midazolam 1'-hydroxylase	21.3 ± 2.0	61.1 ± 4.8

Note: Activity assays were performed at PRIMACYT GmbH. The assays were conducted at 1 mg/ml protein in 0.1 M Phosphate buffer with NADPH generating system for 15 min at 37 °C. 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.
Last update: Oct 23, 2020
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