

Subcellular fractions	
Lot Cynomolgus150408	Batch Release: Jan 25, 2016

Species: Cynomolgus (<i>Macaca fascicularis</i>) Gender: male Age: 3 years 9 months	Serology: negative for SIV, STLV, SRV, Ebola, Herpes
---	--

Protein content	
Liver microsomes	10 mg/ml in Phosphate buffer
S9	20 mg/ml in Phosphate buffer
Cytosol	20 mg/ml in Phosphate buffer

Enzyme assay results			
Enzyme	Assay	Enzyme activity (ng/ml*min)	
		S9 fraction	liver microsomes
CYP1A2	Phenacetin-O-deethylase	2.21	4.79
CYP2C9	Diclofenac 4'-hydroxylase	12.40	34.40
CYP2C19	Omeprazol 5'-hydroxylase	7.57	17.50
CYP2D6	Dextromethorphan-O-demethylase	2.61	5.90
CYP3A4	Midazolam 1'-hydroxylase	11.70	28.10

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.

