

Subcellular fractions	
Lot human150320	Batch Release: Jan 25, 2016

Species: Human Gender: female Age: 53 years	Serology: negative for Hepatitis A/ B/ C, HIV 1/2
---	---

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	BLQ	BLQ
CYP2C9	Diclofenac 4'-hydroxylase	58.27	107.00
CYP2C19	Omeprazol 5'-hydroxylase	0.36	0.61
CYP2D6	Dextromethorphan-O-demethylase	0.13	0.19
CYP3A4	Midazolam 1'-hydroxylase	0.09	0.31

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.
BLQ – below level of quantification

