

Subcellular fractions	
Lot SL190221	Batch Release: March 20, 2019

Species: Suffolk sheep Age: approx. 5 months	Number and gender: 1 (female)
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Product Number	Product Description	Amount	Protein content
SL-MIC-201	Sheep Liver Microsomes, female	0.5 ml	20 mg/ml

Enzyme assay results	
Assay	Enzyme activity (nM/min) mean \pm SD
Phenacetin-O-deethylase	94.9 \pm 38.2
Coumarin-7'-hydroxylase	2.5 \pm 1.1
Bupropion-hydroxylase	6.8 \pm 0.7
Diclofenac 4'-hydroxylase	65.2 \pm 6.9
Mephenytoin 4'-hydroxylase	0.58 \pm 0.17
Bufuralol 1'-hydroxylase	160.9 \pm 10.1
Chlorzoxazone 6'-hydroxylase	112.9 \pm 26.4
Midazolam 1'-hydroxylase	27.5 \pm 10.4

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 at 37 °C for 15 min.

Issued by: C. Garve	Checked by: A. Ullrich
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