

<b>Subcellular fractions</b>	
Lot SL190221	Batch Release: March 19, 2019

Species: Suffolk sheep Age: approx. 6 months	Number and gender: 1 (male)
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<b>Product Number</b>	<b>Product Description</b>	<b>Amount</b>	<b>Protein content</b>
SL-MIC-101	Sheep Liver Microsomes, male	0.5 ml	20 mg/ml

<b>Enzyme assay results</b>	
<b>Assay</b>	<b>Enzyme activity (nM/min) mean <math>\pm</math> SD</b>
Phenacetin-O-deethylase	95.3 $\pm$ 13.4
Coumarin-7'-hydroxylase	2.9 $\pm$ 0.9
Bupropion-hydroxylase	2.7 $\pm$ 0.2
Diclofenac 4'-hydroxylase	9.4 $\pm$ 1.8
Mephenytoin 4'-hydroxylase	0.17 $\pm$ 0.02
Bufuralol 1'-hydroxylase	137.7 $\pm$ 2.4
Chlorzoxazone 6'-hydroxylase	45.7 $\pm$ 11.7
Midazolam 1'-hydroxylase	3.8 $\pm$ 0.8

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 at 37 °C for 15 min.

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