

Subcellular fractions	
Lot Sheep150727	Batch Release: March 14, 2016

Species: Suffolk sheep Gender: male	Age: approx. 7 months
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Protein content	
Liver microsomes	20 mg/ml in Phosphate buffer
S9	20 mg/ml in Phosphate buffer

Enzyme assay results			
Enzyme	Assay	Enzyme activity (ng/ml*min)	
		S9 fraction	liver microsomes
CYP1A2	Phenacetin-O-deethylase	41.3	31.6
CYP2C9	Diclofenac 4'-hydroxylase	1.5	2.7
CYP2C19	Omeprazol 5'-hydroxylase	1.6	3.9
CYP2D6	Dextromethorphan-O-demethylase	96.3	153.3
CYP3A4	Midazolam 1'-hydroxylase	1.4	3.3

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.

