

Subcellular fractions - Certificate of Analysis (CoA)

Lot SL191106

Batch Release: December 10, 2019

Species: Suffolk sheep

Gender: female

Herdbook number: DE NWM 0581012

Age: approx. 6 months

Product Number	Product Description	Amount	Protein content
SL-MIC-201	Sheep liver microsomes, female, single donor	0.5 ml	20 mg/ml

Enzyme assay results		
Enzyme (Human isoform)	Assay	Enzyme activity (nM/mg*min)
CYP1A2	Phenacetin-O-deethylase	322.3 ± 5.3
CYP2A6	Coumarin-7'-hydroxylase	8.2 ± 0.3
CYP2B6	Bupropion-hydroxylase	30.6 ± 3.4
CYP2C9	Diclofenac 4'-hydroxylase	36.0 ± 2.4
CYP2E1	Chlorzoxazone 6'-hydroxylase	38.6 ± 1.8
CYP3A4	Midazolam 1'-hydroxylase	42.3 ± 1.4

Note: Activity assays were performed at PRIMACYT GmbH. The assays were conducted at 1 mg/ml protein in 0.1 M Phosphate buffer at 37 °C for 15 min (phase I). Values are expressed as mean ± SD.

Store at -80 °C.

This product should be considered as potential biohazard. Only intended for *in vitro* use.

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