

Sheep Liver Subcellular fractions
Product specification – Certificate of Analysis (CoA)

Lot SL251117

Batch Release: February 25, 2026

Product information

Product code	Product description	Amount	Protein content
SL-S9-201	Sheep liver S9 fraction, female, single	0.5 mL	20 mg/mL

Donor data

Species: Suffolk sheep Herdbook number: DE NWM 0581012	Gender: female Age: approx. 6 months
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Enzyme assay results

Enzyme (Human isoforms)	Assay	Enzyme activities (nM/min)
		S9 Fraction
CYP1A2	Phenacetin-O-deethylase	44.9 ± 8.0
CYP2A6	Coumarin-7'-hydroxylase	2.8 ± 1.5
CYP2B6	Bupropion-hydroxylase	3.8 ± 1.3
CYP2C9	Diclofenac 4'-hydroxylase	10.0 ± 1.4
CYP2C19	Mephenytoin 4'-hydroxylase	not detectable
CYP2E1	Chlorzoxazone 6'-hydroxylase	7.7 ± 4.1
CYP3A4	Midazolam 1'-hydroxylase	3.1 ± 1.1
UDP-GT	UDP-Glucuronosyltransferase	2815.9 ± 137.7
SULT	Sulfotransferase	9.6 ± 0.5

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) and 30 min (phase II). Values are expressed as mean ± SD.

Store at -80 °C.

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

Issued by: M. Reu

Verified by: J. Schuldt