

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

Lot NZRabL260129 (Pool of 5)

Batch Release: February 19, 2026

**Product information**

Product code	Product description	Amount	Protein content
NZRabL-S9-1P5	Rabbit liver S9 fraction, male, pool of 5	0.5 mL	20 mg/mL

**Donor data**

Species: New Zealand white rabbit  
(*Oryctolagus cuniculus*)

Gender: male  
Age: approx. 1-3 months

Equal amounts of liver tissues were pooled to generate subcellular fractions.

**Enzyme assay results**

Enzyme (Human isoforms)	Assay	Enzyme activities (nM/min)
		S9 Fraction
CYP1A2	Phenacetin-O-deethylase	48.2 ± 4.3
CYP2A6	Coumarin-7'-hydroxylase	1.3 ± 0.1
CYP2B6	Bupropion-hydroxylase	22.7 ± 3.1
CYP2C9	Diclofenac 4'-hydroxylase	36.3 ± 3.9
CYP2C19	Mephenytoin 4'-hydroxylase	not detectable
CYP2E1	Chlorzoxazone 6'-hydroxylase	4.9 ± 0.5
CYP3A4	Midazolam 1'-hydroxylase	6.4 ± 0.7
UDP-GT	UDP-Glucuronosyltransferase	2424.1 ± 63.0
SULT	Sulfotransferase	38.5 ± 0.3

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

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