

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

Lot EL250213-1

Batch Release: March 17, 2025

**Product information**

Product code	Product description	Amount	Protein content
EL-S9-101	Equine liver S9 fraction, male, single donor	0.5 mL	20 mg/mL

**Donor data**

Species: *Equus caballus*

Gender: male  
Age: approx. 3 months

**Enzyme assay results**

Enzyme (Human isoforms)	Assay	Enzyme activities (nM/min)
		S9 Fraction
CYP1A2	Phenacetin-O-deethylase	2.6 ± 0.3
CYP2A6	Coumarin-7'-hydroxylase	0.2 ± 0.0
CYP2B6	Bupropion-hydroxylase	77.6 ± 5.7
CYP2C9	Diclofenac 4'-hydroxylase	15.7 ± 2.5
CYP2C19	Mephenytoin 4'-hydroxylase	0.1 ± 0.0
CYP2E1	Chlorzoxazone 6'-hydroxylase	1.2 ± 0.3
CYP3A4	Midazolam 1'-hydroxylase	4.2 ± 0.9

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.

Issued by: M. Reu

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