

Subcellular fractions - Certificate of Analysis (CoA)

Lot SL190731

Batch Release: July 31, 2019

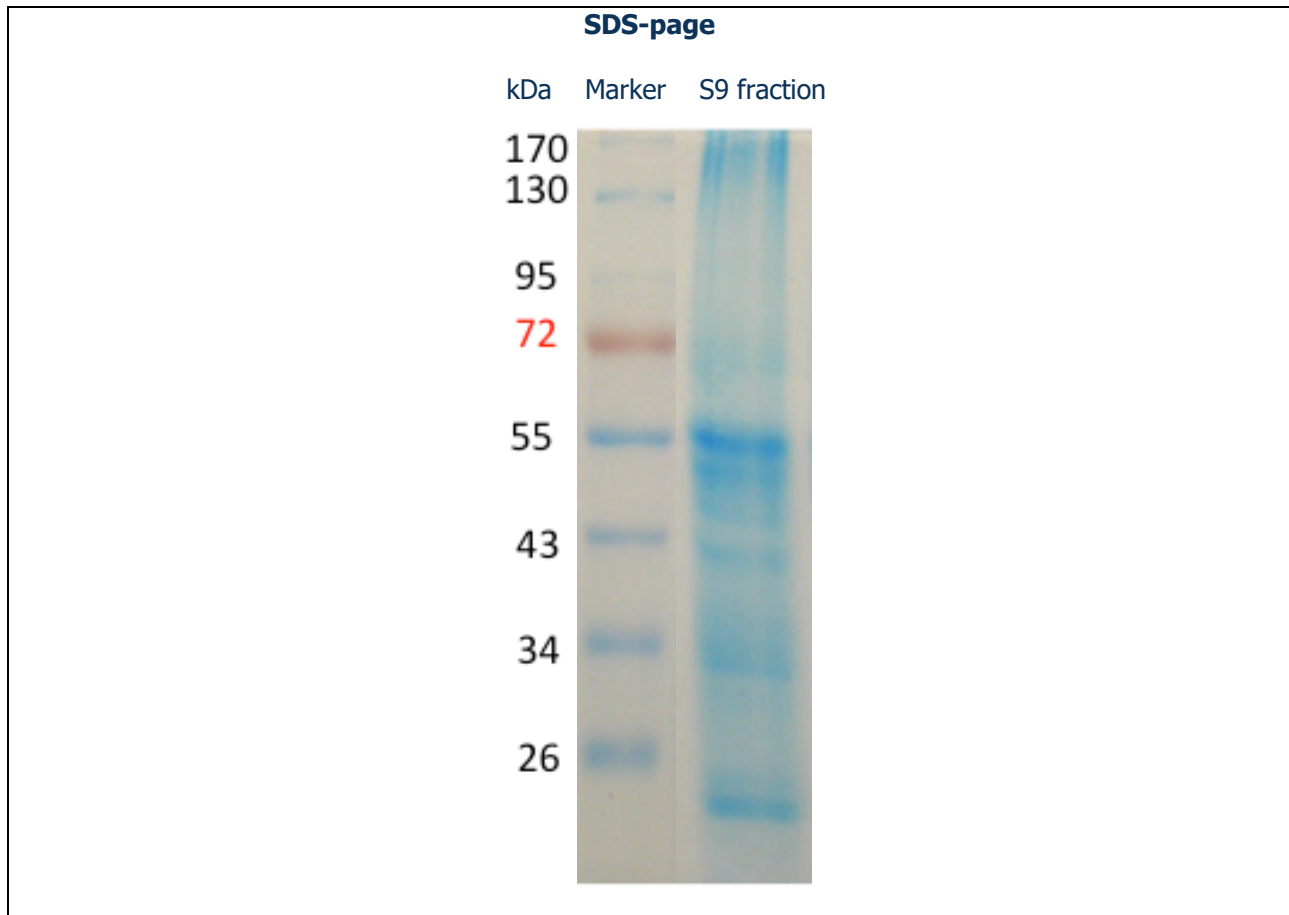
Species: Suffolk sheep
Gender: male

Age: approx. 7 months

Product Number	Product Description	Amount	Protein content
SL-S9-101	Sheep liver S9 fraction, male, single donor	1.0 ml	10 mg/ml

Enzyme assay results		
Enzyme (Human isoform)	Assay	Enzyme activity (ng/mg*min)
CYP1A2	Phenacetin-O-deethylase	106.0 ± 19.0
CYP2C9	Diclofenac 4'-hydroxylase	4.0 ± 0.1
CYP2C19	Omeprazol 5'-hydroxylase	4.3 ± 0.9
CYP2D6	Dextromethorphan-O-demethylase	247.0 ± 38.5
CYP3A4	Midazolam 1'-hydroxylase	3.7 ± 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). Values are expressed as mean ± SD.



Store at -80 °C.

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

Last update: July 31, 2019

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