

| Subcellular fractions | |
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| Lot CL200114 (Pool of 5) | Batch Release: Feb 26, 2020 |

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| Species: Cynomolgus (Macaca fascicularis) Gender: male | Serology: negative for SIV, STLV, SRV, Ebola, Herpes |
| All animals were kept under controlled conditions and veterinary care. The animals did not show any clinical signs and/or lesions of contagious disease at the time of euthanasia. | Equal amounts of liver tissue from each donor were pooled to generate subcellular fractions. |

| Product Number | Product Description | Amount | Protein content |
|----------------|---|--------|-----------------|
| CL-S9-1P5 | Cynomolgus Liver S9 Fraction, male, Pool of 5 | 1 ml | 5 mg/ml |
| CL-CYT-1P5 | Cynomolgus Liver Cytosol, male, Pool of 5 | 1 ml | 10 mg/ml |

| Enzyme assay results | | |
|-----------------------------|------------------------------|----------------------------------|
| Enzyme (Monkey isoforms) | Assay | Enzyme activities (nM/mg*min) |
| | | S9 Fraction |
| CYP1A1/2 | Phenacetin-O-deethylase | 111.1 ± 0.6 |
| CYP2A23/24 | Coumarin 7'-hydroxylase | 26.9 ± 1.1 |
| CYP2B17 | Bupropion-hydroxylase | 176.4 ± 4.7 |
| CYP2C20/43 | Diclofenac 4'-hydroxylase | 99.5 ± 1.1 |
| CYP2D17 | Bufuralol 1'-hydroxylase | 36.3 ± 0.5 |
| CYP2E1 | Chlorzoxazone 6'-hydroxylase | 97.2 ± 10.0 |
| CYP3A8 | Midazolam 1'-hydroxylase | 626.6 ± 35.5 |
| UDP-GT | UDP-Glucuronosyltransferase | 39738 ± 2307 |
| SULT | Sulfotransferase | 1130 ± 139 |

Note: Activity assays were performed at PRIMACYT GmbH. The assays were conducted at 1 mg/ml protein in 0.1 M Phosphate buffer for 15 min (phase I) or for 30 min (phase II) at 37 °C. Values are expressed as mean ± SD.

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| Store at -80 °C. | |
| This product should be considered as potential biohazard. Only intended for <i>in vitro</i> use. | |
| Issued by: A. Ullrich | Checked by: D. Runge |